

**Corrigendum to Request for Proposal (RFP) for
“Selection of Managed Service Provider for
Implementation of Enterprise Business System in
Five Major Indian Ports”**

Bid Reference # IPA/ICTD/ERP/2016

Dated: 10 March 2017



I Indian
P Ports
A Association

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Serial No	RFP Volume	Page#	Clause#	Older Clause	Revised Clause
1	Vol 1	7	Request for Proposal Data Sheet (Point 10)	Last Date of Submission: 15 March 2017 15:00 HRS	Clause modified: Date of Submission: 05 April 2017 15:00 HRS
2	Vol 1	8	Request for Proposal Data Sheet (Point 11)	Last date and time (deadline) for receipt of Bid fees and EMD in response to tender notice: 15 March 2017 15:00 HRS	Clause modified: Last date and time (deadline) for receipt of Bid fees and EMD in response to tender notice: 05 April 2017 15:00 HRS
3	Vol 1	8	Request for Proposal Data Sheet (Point 12)	Date, time and venue of opening of Technical Proposals received in response to the tender notice: 15 March 2017 at 16:00 HRS	Clause modified: Date, time and venue of opening of Technical Proposals received in response to the tender notice: 05 April 2017 at 16:00 HRS, IPA Office, New Delhi
4	Vol 1	14	Point (ii) of Clause 2.7 – Right to Vary Scope of Contract (Vol – 1)	If any such change causes an increase or decrease in the cost of, or the time required for the bidder's performance of any part of the work under the Contract, whether changed or not changed by the order, an equitable adjustment shall be made in the Contract Price or time schedule, or both, and the Contract shall accordingly be amended. Any claims by the bidder for adjustment under this Clause must be asserted within thirty (30) days from the date of the bidder's receipt of the IPA's changed order.	Clause modified: If any such change causes an increase or decrease in the cost of, or the time required for the bidder's performance of any part of the work under the Contract, whether changed or not changed by the order, an equitable adjustment on mutually agreed terms shall be made in the Contract Price or time schedule, or both, and the Contract shall accordingly be amended. Any claims by the bidder for adjustment under this Clause must be asserted within thirty (30) days from the date of the bidder's receipt of the IPA's changed order.
5	Vol 1	29	Pre-qualification criteria for Port Operations Solution (POS) Provider	Pre-qualification criteria for Port Operations Solution (POS) Provider	Clause modified: Pre-qualification criteria for Port Operations Solution (POS) Provider Note: It is clarified that the bidder word used under this criteria refers to the Port Operations Solution Provider. All criteria need to be met by Port Operations Solution Provider
6	Vol 1	30	Point # 2 – POS solution under Pre-qualification criteria for Port Operations Solution (POS) (Vol – 1) Provider	Criteria description The POS solution should have been successfully implemented in at least 5 ports / terminals covering following over the last TEN years as on last date of bid submission a. Marine Operations b. Cargo Operations involving different types of cargo Break-bulk OR Bulk OR Cargo OR Liquid	Clause modified: Criteria description The POS solution should have been successfully implemented in at least 5 ports / terminals covering following over the last TEN years as on last date of bid submission a. Marine Operations b. Cargo Operations involving different types of cargo: Break-bulk OR Bulk OR Container Cargo OR Liquid OR other general Cargo
7	Vol 1	33	Clause 4.6 Marks Summary of Section A: Bidder Experience of Schedule II: Evaluation criteria for Port Operations Solution (Vol – 1)	Evaluation Criteria for Port operations solution: Bidder Experience 400 (Max Marks) 3. Integration with leading ERP software 50 (Max Marks) 4. Previous Implementation of mobile applications for functions including Pilots, Tugs/craft, operators, Tally clerks, Gate Operators, Customer 100 (Max Marks)	Clause modified: Bidder Experience 500 (Max Marks) 3. Integration with leading ERP software 100 (Max Marks) 4. Previous Implementation of mobile applications for functions including Pilots, Tugs/craft, operators, Tally clerks, Gate Operators, Customer 150 (Max Marks)
8	Vol 1	41	Clause 4.6 Technical Evaluation Criteria – Port Operations Solution Specific (Vol – 1)	Criteria A Previous relevant experience: 400 (Max Marks) 3 Integration with leading ERP software: 50 (Max Marks) 4 Previous Implementation of mobile applications: 100 (Max Marks)	Clause modified: Criteria A Previous relevant experience: 500 (Max Marks) 3 Integration with leading ERP software: 100 (Max Marks) 4 Previous Implementation of mobile applications: 150 (Max Marks)

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9	Vol 1	44	Clause XV of 4.7 - Commercial Bid Evaluation (Vol – 1)	It is mandatory to provide break up of all taxes, duties and levies wherever applicable and/or payable. All the taxes of any nature whatsoever shall be borne by the Bidder including any additional taxes/levies due to change in tax rates through the validity of the bid and contract. The bid amount shall be inclusive of packing, forwarding, transportation, insurance till Go live, delivery charges and any other charges as applicable. Any other charges as applicable shall be borne by the bidder.	Clause modified: It is mandatory to provide break up of all taxes, duties and levies wherever applicable and/or payable. The taxes quoted in the offer should be as per the prevailing tax rates. Any subsequent increase in the tax rates or introduction of new tax will be paid by IPA. Similarly any benefits arising due to downward revision in tax rates, or any exemptions availed by the Bidders organization should be passed on to IPA. The bid amount shall be inclusive of packing, forwarding, transportation, insurance till Go live, delivery charges and any other charges as applicable. Any other charges as applicable shall be borne by the bidder.
10	Vol 1	46	Point (ii) of Clause No 4.8.1 Notification of Award	The Notification of award will constitute the formation of the contract. At the time, IPA notifies the successful bidder that its bid has been accepted, IPA will send the bidders the proforma of contract, incorporating all clauses/ agreements between the parties. The successful bidder shall sign and date the contract and return it to IPA.	Clause modified: At the time, IPA notifies the successful bidder that its bid has been accepted, IPA will send the bidders the proforma of contract, incorporating all clauses/ agreements between the parties. The successful bidder shall sign and date the contract and return it to IPA.
11	Vol 1	46	Clause iii of 4.8.4 – Performance Bank Guarantee (Vol – 1)	The Performance bank guarantee may be discharged / returned by IPA upon being satisfied that there has been due performance of the obligations of bidder under contract. However, no interest shall be payable on the PBG. The selected bidder shall be responsible for extending the validity date and claim period of the Performance Bank Guarantee as and when it is due on account of non-completion of the project and warranty period. In case the selected bidder fails to submit performance bank guarantee with the time stipulated, IPA at its discretion may cancel the work order placed on the selected bidder without giving any notice.	Clause modified: The Performance bank guarantee may be discharged / returned by IPA upon satisfactory completion of project as per the RFP and contract. However, no interest shall be payable on the PBG. The selected bidder shall be responsible for extending the validity date and claim period of the Performance Bank Guarantee as and when it is due on account of non-completion of the project and warranty period. In case the selected bidder fails to submit performance bank guarantee with the time stipulated, IPA at its discretion may cancel the work order placed on the selected bidder without giving any notice.
12	Vol 1	50	Note of 6.1 – Payment components (Vol – 1)	<ul style="list-style-type: none"> • Ports are expecting significant reduction in the number of employees due to retirement in the coming years. Due this the requirements for software licenses and related infrastructure shall have to be reduced accordingly. In such scenario, certain software licenses / related infrastructure shall be surrendered and payments related to these will be readjusted accordingly. The bidder is expected to keep a note of the same. • Bidder must factor in a ±15% in the minimum indicative quantity for port-specific infrastructure as indicated in the Volume II of this tender. • Cafeteria model envisages that a particular port may opt for additional components during the contract period. Unit rates of these components are being discovered as part of the price bid. The bidder will be expected to provide these components at the discovered unit rate as per the price bid. • In future, there may be a need wherein a new port may be added in the scope of work for the MSP. Such changes may take place with mutually agreed terms and conditions. 	Clause modified: <ul style="list-style-type: none"> • Ports are expecting significant reduction in the number of employees due to retirement in the coming years. Due to this, the requirements for software licenses and related infrastructure shall have to be reduced accordingly. In such scenario, subsequent AMC/ATS/AMS shall be paid by IPA/Ports as per actuals (reduced quantity). The bidder is expected to keep a note of the same. • Cafeteria model envisages that a particular port may opt for additional components during the contract period. Unit rates of these components are being discovered as part of the price bid. The bidder will be expected to provide these components at the discovered unit rate as per the price bid for TWO years or GO-Live of the project. • In future, there may be a need wherein a new port may be added in the scope of work for the MSP. Such changes may take place with mutually agreed terms and conditions. Clause added: All licenses shall be procured for IPA and shall be used for the purpose of Port-EBS and all ports under Indian Ports Association. For example, if 100 licenses are procured in the name of IPA for 6 ports. If there is a reduction in the requirement of licences by say 30 or additional requirement of 40 licences, these 30/40 licenses may be used by a 7th underlying port which joins this cafeteria model under Port-EBS

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13	Vol 1	62	Point # xvii of 7.1 Bidder / Managed Service Provider (Vol – 1)	Any other services which is required for the successful execution of the project.	Clause modified: Any other services which is required and mentioned in the contract for the successful execution of the project.
14	Vol 2		2.2.4 Integration layer design, development, test and implementation	The API management solution proposed by the MSP should meet the requirements established in the technical specifications	Clause deleted
15	Vol 2	196	Point g) of 4.3.1 Common Data Centre (DC) and Disaster Recovery Centre (DRC) Setup of 4.3 Track 3A: Infrastructure setup for Data Centre, BCP/DR and Port On premise site (Vol – 2)	g) MSP shall provide the warranty for ICT Infrastructure (Software & hardware) supplied for Project for a period of five years on all the items supplied as per the contract. MSP shall replace any parts/components of the ICT Infrastructure supplied for project if the components are defective and during the entire warranty period MSP shall apply all the latest upgrades/patches/releases for the software after appropriate testing	Clause modified: g) MSP shall provide the warranty for ICT Infrastructure supplied for Project for the contract duration on all the items supplied as per the contract. MSP shall replace/repair any parts/components of the ICT Infrastructure supplied for project if the components are defective and during the entire warranty period MSP shall apply all the latest upgrades/patches/releases for the software after appropriate testing. In case of repeated breakdowns, IPA/ports reserve right to request that the part / component of ICT infrastructure supplied for project. MSP shall comply with the request promptly.
16	Vol 2	232	Point i of 6. Scanning, Indexing and Storing of Port Documents of 4.10 Track 8: Data Migration (Vol – 2)	i. MSP should ensure the following quality checks in the document: <ul style="list-style-type: none"> • The Image should not be too dark / too light. • The Image should not have been captured under improper lighting. • The Image should not have been cropped from any side. • The orientation of the image should be right. • The image should be in true colour mode. • The colour is consistent in all the images and not patchy. • The image should not be skewed. • The image should not be blurred. • The image should not have excessive noise. • There should not be any data loss due to folds. • There should not be any data loss due to tight binding and bulge at the centre. • There should not be extra darkness at the edges. 	Clause added: Solution should take care of automatic correction of parameters such as improper resolution, format compression not proper, skew, wrong orientation, error in automatic cropping, punch hole marks etc. so that the quality of digitized data is ensured
17	Vol 2	236	Point c of 2. Annual Technology Support of 4.13 Track 11: Operations and Maintenance for 5 years post Go-Live (Vol – 2)	c. It is clarified that changes in software, hardware and other infrastructure required as a result of any legislative, administrative, policy changes in the business process and workflow shall not constitute change of ‘Scope of Work’. The changes, if any, shall therefore fall under the CCN and not CNS.	Clause modified: c. It is clarified that changes in software, hardware and other infrastructure required as a result of any legislative, administrative, policy changes in the business process and workflow shall not constitute change of ‘Scope of Work’. The changes, if any, shall therefore fall under the CCN and not CNS. Further, such changes which are required to be done across all ports will have to be treated as one change request Clause added: All changes requested till ONE year from GO-LIVE shall be carried out at no additional cost to IPA.
18	Vol 2	278	Clause 6.3.5 – Solicitation of Employees (Vol – II)	Solicitation of Employees a. During the termination period and thereafter, Purchaser shall have the right to solicit and hire: <ul style="list-style-type: none"> i. In case of a termination for convenience, all member of the ket personnel: and ii. In case of a termination other than for convenience all members of the key personnel; plus, in each case, any two member of the MSP team (other than key personnel) of MSP's choice and at its solo discretion 	Clause deleted

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19	Vol 3	286	Clause 2 Point (a) Scope of the Project (Vol – 3)	a) The Managed Service Provider shall be required to develop / customize and implement “Enterprise Business System in five Major Indian Ports”, manage and provide technical support to the solution for the period of 5 Years for stabilization and 5 years for O&M from the date of Go-Live”.	Clause modified: a) The Managed Service Provider shall be required to develop / customize and implement “Enterprise Business System in five Major Indian Ports”, manage and provide technical support to the solution for the period of 15 Months for Implementation + 3 months for stabilization and 5 years for O&M from the date of Go-Live.
20	Vol 3	287	Clause 4 Point (b) of Extension of time for fulfilment of Conditions Precedent (Vol – 3)	(b) For the avoidance of doubt, it is expressly clarified that any such extension of time shall be subject to imposition of penalties on the Managed Service Provider linked to the delay in fulfilling the Conditions Precedent.	Clause deleted
21	Vol 3	296	Clause 13 Point (b) of Invoicing and Settlement (Vol – 3)	(b) The Managed Service Provider alone shall invoice all payments after receiving due approval of completion of payment milestone from the competent authority. Such invoices shall be accurate and all adjustments to or changes in the terms of payment as stated in Schedule VI of this Agreement. The Managed Service Provider shall waive any charge for a Service that is not invoiced within six months after the end of the month in which the charge relating to such Service is (i) authorized or (ii) incurred, whichever is later.	Clause modified: (b) The Managed Service Provider alone shall invoice all payments after receiving due approval of completion of payment milestone from the competent authority. Such invoices shall be accurate and all adjustments to or changes in the terms of payment as stated in Schedule VI of this Agreement.
22	Vol 3	302	Clause 15 Point (a) of Termination for Convenience (vol-3)	(a) IPA may at any time terminate the Contract for any reason by giving the managed service provider a notice of termination that refers to this clause.	Clause modified: (a) IPA may at any time terminate the Contract for any reason by giving the managed service provider a notice of termination by giving 90 days prior written notice that refers to this clause”.
23	Vol 1		4.5 Integration Capabilities (Criteria # 4)	At least 5 projects where POS solution has been integrated with one of the industry leading ERP solutions. These include: · Classified under leaders or challengers quadrant as per latest Gartner’s report in the last one year as on day of submission of bid OR · Classified as leaders as per latest Forrester’s wave in the last one year as on day of submission of bid OR · Classified as leaders as per latest IDC MarketScape in the last one year as on day of submission of bid	Clause modified: At least 5 projects where POS solution has been integrated with one of the industry leading ERP solutions as mentioned below and atleast one project (from 5 projects) where POS has been integrated with the proposed ERP solution. These include: · Classified under leaders or challengers quadrant as per latest Gartner’s report in the last one year as on day of submission of bid OR · Classified as leaders or strong performers as per latest Forrester’s wave in the last one year as on day of submission of bid OR · Classified as leaders as per latest IDC MarketScape in the last one year as on day of submission of bid
24	Vol 3	309	Clause 19 AUDIT, ACCESS AND REPORTING (Vol – 3)	The Managed Service Provider shall allow access to IPA to all information which is in the possession or control of the Managed Service Provider and which relates to the provision of the Services as set out in the Audit, Access and Reporting Schedule and which is reasonably required by IPA to comply with the terms of the Audit, Access and Reporting Schedule set out as Schedule IV of this Agreement.	Clause modified: The Managed Service Provider shall allow access to IPA to all information which is in the possession or control of the Managed Service Provider and which relates to the provision of the Services as set out in the Audit, Access and Reporting Schedule and which is reasonably required by IPA to comply with the terms of the Audit, Access and Reporting Schedule set out as Schedule IV of this Agreement. Such audit rights shall be conducted once in six months.

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25	Vol 3	327	Clause 27 Point (ii) of 2.3 under 2. Transfer of Asset of SCHEDULE – III - EXIT MANAGEMENT SCHEDULE (Vol – 3)	(ii) All risk in and title to the Assets to be transferred / to be purchased by IPA pursuant to this Article shall be transferred to IPA, on the last day of the exit management period.	Clause modified: (ii) All risk in and title to the Assets to be transferred / to be purchased by IPA pursuant to this Article shall be transferred to IPA, at Go-Live.
26	Vol 3	329	Clause 27 Point 5.3 under 5. Employees of SCHEDULE – III - EXIT MANAGEMENT SCHEDULE (Vol – 3)	5.3. To the extent that any Transfer Regulation does not apply to any employee of the Managed Service Provider, department, or its Replacement Managed Service Provider may make an offer of employment or contract for services to such employee of the Managed Service Provider and the Managed Service Provider shall not enforce or impose any contractual provision that would prevent any such employee from being hired by the Chairperson, PIU or any Replacement Managed Service Provider.	Clause deleted
27	Document Management System, Annexure_FRS_OtherSystems	–	Point no 35	Leveraged Document management software should figure in the Leader/Challenger Quadrant of Gartner Magic Quadrant – for at least previous five years.	Clause modified: Leveraged Document management software should figure in the Leader/Challenger Quadrant of Gartner Magic Quadrant or Leader/Strong Performer in Forrester's Wave or Classified as leaders as per latest IDC MarketScape in the last one year as on day of submission of bid
28	Vol 1	22	Clause 3.4.3	Bids shall be submitted strictly in accordance with the requirements and terms & conditions of the tender. No Deviations and Exclusions to the tender are allowed. In the absence of any specific provision in the agreement on any issue the guidelines issued/to be issued by the Dean, IPA shall be applicable.	Clause modified: Bids shall be submitted strictly in accordance with the requirements and terms & conditions of the tender. No Deviations and Exclusions to the tender are allowed. In the absence of any specific provision in the agreement on any issue, decision by MD, IPA shall be final
29	ANNEXURE-TRS-Infrastructure_Router	–	Point no 20	Router should support monitoring of network traffic with application level insight with deep packet visibility into web traffic, RTP-Based VoIP traffic and cRTP	Clause modified: Router should support monitoring of network traffic with application level insight with deep packet visibility into web traffic using flow analysis cRTP or equivalent
30	ANNEXURE-TRS-Infrastructure_Router	–	Point no 4	Memory : 512 GB PC3 ECC DDR4 RAM using 8GB DDR3 scalable to 1TB	Clause modified: 512 GB ECC DDR4 RAM using 8GB or higher DDR4 scalable to 1TB
31	ANNEXURE-TRS-Infrastructure_Rack Server	–	Point no 5	Memory Protection : Advanced ECC with multi-bit error protection supporting memory mirroring	Clause modified: Advanced ECC with multi-bit error protection supporting memory mirroring/online memory sparing
32	ANNEXURE-TRS-Infrastructure_Rack Server	–	Point no 14	Remote Management: Should be possible to remotely manage each blade server individually.	Clause modified: Remote Management: Should be possible to remotely manage each rack server individually.
33	ANNEXURE-TRS-Infrastructure_SAN Storage	–	Point no 8	The offered system should be pre-configured with at least 10 TB of useable Storage Capacity	Clause modified: The offered system should be pre-configured with at least 10 TB of usable storage space after RAID/mirroring.
34	ANNEXURE-TRS-Infrastructure_SAN Storage	–	Point no 10	Storage must be offered with Global Hot Spare Disk drive at least 1 Disk Drive per 12 Disk configured rounded off to next number for both FC and SATA/FATA Drives.	Clause modified: Storage must be offered with Global Hot Spare Disk drive at least 1 Disk Drive per 12 Disk configured rounded off to next number for both FC and SATA/FATA/SAS/NL-SAS Drives

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35	ANNEXURE-TRS-Infrastructure_SAN Storage	-	Point no 12	The system array should support synchronous and asynchronous replication.	Clause modified: The storage array should support hardware/software based replication
36	ANNEXURE-TRS-Infrastructure_SAN Switch	-	Point no 2	Should support FCIP protocol	Clause deleted
37	Vol 2	245	Clause 17 Cloud enabled DC Operations & Administration	Cloud enabled DC Operations & Administration: d. Co-ordinate with the Data centre provider to make any changes that may be required towards the placement and layout of infrastructure within the data centre. e. Prepare a list of equipment, software and configuration installed in the data centres and the same shall be approved by the Port. MSP shall maintain and modify the list in accordance to the modifications. h. Manage an inventory of critical components and spares that are provisioned onsite and coordinate with the OEM to ensure replenishment of the same whenever required.	Clause deleted Clauses (d), ('e), (h) to be deleted Clause added: (i) Provide necessary access to IPA / IPA designated agency to audit setup for acceptance of the system
38	Vol 1	12	Clause 2.2.2 Consortium of Firms	Lead Bidder shall be responsible and liable for the successful completion of the entire project. Please note that the consortium together will be jointly and severally liable for all the deliverables.	Clause modified: Lead Bidder shall be responsible and liable for the successful completion of the entire project. Please note that the consortium together will be jointly and severally liable for the scope of their activities.
39	Vol 3	304	Clause 16 Indemnification & Limitation of Liability	The liability cap given under this Clause 16.3 shall not be applicable to the indemnification obligations set out in Clause 16 and breach of Clause 12.4 and 19.	Clause modified: The liability cap given under this Clause 16.3 shall not be applicable to the indemnification obligations set out in Clause 16 and breach of clause 12 - 'Safety and Security' and clause 18 - 'Confidentiality'.
40	ANNEXURE_TRS_SECURITY FIREWALL	-	Point no 35	Proposed solution should be VPNC compliant for interoperability	Clause modified: The proposed solution should be VPNC/ICSA compliant for interoperability.
41	ANNEXURE-TRS - INFRASTRUCTURE WIRELESS CONTROLLER	-	Point no 1.6	Shall support unlimited simultaneous users	Clause deleted:
42	ANNEXURE-TRS - INFRASTRUCTURE WIRELESS CONTROLLER	-	Point no 2.8	Shall support distributed 802.1x authentication allowing controlled access points to directly authenticate users through an external RADIUS server without controller involvement	Clause modified: Shall support distributed 802.1x authentication allowing controlled access points to directly authenticate users through an external RADIUS server
43	ANNEXURE-TRS - INFRASTRUCTURE WIRELESS AP	-	Point no 1.9	The access point shall be IEEE 802.3af PoE compliant and shall be provided with PoE injector of the same make for mentioned quantity	Clause modified: The access point shall be IEEE 802.3af/af PoE compliant and shall be provided with PoE injector of the same make for mentioned quantity
44	ANNEXURE-TRS - INFRASTRUCTURE WIRELESS AP	-	Point no 1.1	Maximum Power rating of 12.95 W	Clause modified: Access points should be complied with 802.3at/af standard for power rating
45	ANNEXURE-TRS - INFRASTRUCTURE WIRELESS AP	-	Point no 1.11	Both radios shall operate at full power and full performance on IEEE 802.3af PoE/Gigabit Ethernet	Clause modified: Both radios shall operate at full power and full performance on IEEE 802.3af/at PoE/Gigabit Ethernet

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46	ANNEXURE_TRS_Infrastructure_SAN Switch	-	Point no 1	Minimum 16 Active ports (each with minimum port speed 4Gb) within same switch upgradeable to 32 ports with minimum 2 no of additional 10GBPS FC ports.	Clause modified: Minimum 16 Active ports (each with minimum port speed 16Gbps) within same switch upgradeable to 32 ports
47	ANNEXURE_TRS_Infrastructure_Router Specifications	-	Point no 21	Must support dynamic Mesh IPsec tunnel solution without having to pre-configure all tunnel end-point peers. Must support VPN solution based on RFC3547 - Group Domain of Interpretation (GDOI) , Generic Routing Encapsulation RFC 1701/2784/2890) and RFC 2332 (next-hop resolution protocol)	Clause modified: Must support dynamic Mesh IPsec tunnel solution without having to pre-configure all tunnel end-point peers or equivalent. Must support VPN solution based on RFC3547 - Group Domain of Interpretation (GDOI) or equivalent feature/protocol, Generic Routing Encapsulation RFC 1701/2784/2890) and /RFC 2332 (next-hop resolution protocol)
48	ANNEXURE_TRS_Infrastructure_Distribution Switch	-	Point no 1.7	Shall support up to 140 Gigabit ports (Copper or SFP)	Clause modified: Shall support up to 120 Gigabit ports (Copper or SFP) or better
49	ANNEXURE_TRS_Infrastructure_Distribution Switch	-	Point no 6.3	Powerful QoS feature supporting strict priority (SP) queuing, weighted round robin (WRR) and weighted fair queuing (WFQ)	Clause modified: Powerful QoS feature supporting strict priority (SP) queuing, weighted round robin (WRR) and weighted fair queuing (WFQ) /equivalent
50	ANNEXURE_TRS_Infrastructure_Distribution Switch	-	Point no 8.1	Shall provide support for RoHS and WEEE regulations	Clause modified: Shall provide support for RoHS/ WEEE regulations
51	ANNEXURE_TRS_Infrastructure_Access Switch 48 Port	-	Point no 1.6	Shall have switching capacity of 190 Gbps	Clause modified: Shall have switching capacity of 170 Gbps or better
52	ANNEXURE_TRS_Infrastructure_Access Switch 48 Port	-	Point no 5.4	Powerful QoS feature supporting strict priority (SP) queuing, weighted round robin (WRR) and and SP+WRR	Clause modified: Powerful QoS feature supporting strict priority (SP) queuing, weighted round robin (WRR) / SP+WRR or equivalent
53	ANNEXURE_TRS_Infrastructure_Access Switch 24 Port	-	Point no 5.4	Powerful QoS feature supporting strict priority (SP) queuing, weighted round robin (WRR) and and SP+WRR	Clause modified: Powerful QoS feature supporting strict priority (SP) queuing, weighted round robin (WRR) / SP+WRR or equivalent
54	ANNEXURE_TRS_Infrastructure_Access Switch 24 Port PoE	-	Point no 1.6	Shall have switching capacity/Switching Fabric of 140 Gbps	Clause modified: Shall have switching capacity of 120 Gbps "minimum.
55	ANNEXURE_TRS_Infrastructure_Access Switch 24 Port	-	Point no 1.6	Shall have switching capacity/Switching Fabric of 140 Gbps	Clause modified: Shall have switching capacity of 120 Gbps "minimum.
56	ANNEXURE_TRS_Infrastructure_Access Switch 8 Port	-	Point no 1.1	The switch should have 8 X 10/100/1000 Base-Tx ports; all ports shall be 802.3af compliant PoE+ capable, with the switch capable of providing minimum 120 Watts of PoE power budget.	Clause modified: The switch should have 8 X 10/100/1000 Base-Tx ports; all ports shall be 802.3af/at compliant PoE+ capable, with the switch support minimum of PoE power budget as per 802.3at/af standard
57	Vol 2	181	Clause 3.2 Other key requirements	b. The solution should be sized and delivered for the load at the end of 5th year from the effective date of Contract. The Purchaser will requisition additional resources as and when required by the Purchaser from time to time. Such request should be governed by the change order procedure as defined..	Clause modified: b. The solution should be sized and delivered for the load for the entire duration of the contract through Phase I, II & III as required to take optimal advantage of the cloud infrastructure. The Purchaser will requisition additional resources as and when required by the Purchaser from time to time. Such request should be governed by the change order procedure as defined.

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58	Vol 3	327	Clause 2. TRANSFER OF ASSETS 2.3 (ii)	All risk in and title to the Assets to be transferred / to be purchased by IPA pursuant to this Article shall be transferred to IPA, on the last day of the exit management period.	Clause modified: (ii) All risk in and title to the Assets to be transferred / to be purchased by IPA pursuant to this Article shall be transferred to IPA, at Go-Live.
59	Vol 1	47	Clause 5	5 Constitution of Team	Clause added: The minimum qualification criteria for Project Director, Database Administrator and Change Management Specialist are below mentioned: Project Director: o BE / B.Tech / MCA / MBA with minimum 20 years work experience o At least FIVE projects as a Project Manager / Director with similar scope as defined in the RFP o At least TWO projects in PSU/ Government Bodies/ Autonomous Organizations (Under any Indian Government law) in India o PMP / Prince2 Certified preferred Database Administrator: o BE/ B.Tech / MCA with minimum 10 years work experience o At least FIVE projects as database administration with similar scope as defined in the RFP o Certification with the proposed database preferred Change Management Specialist: o MBA / Any degree in Ports / Shipping management with minimum experience of 15 years including working experience in IT sector o At least FIVE projects as a change management specialist o At least TWO projects in PSU / Government Bodies / Autonomous Organizations (Under any Indian Government law) in India o Previous port / shipping industry experience preferred
60	ANNEXURE-TRS-Security_Anti-APT	-	Point no 18	The proposed solution should have the ability to scan and analyse emails to identify malicious attachments or URLs in real-time and quarantine emails with malicious attachments or URLs locally.	Clause deleted
61	ANNEXURE-TRS-Security_Anti-APT	-	Point no 32	The solution should support both inline and out of the band mode.	Clause deleted
62	Annexure_TRS_Infrastructure_Wireless Controller	-	Point no 1.5	Shall support functionality to cluster (or equivalent) up to multiple controller modules and create a single virtual controller to provide an active-active high-availability infrastructure supporting up to 500 Access Points or Equivalent Wireless Controller Appliance support 500 Access Points in HA	Clause modified: Shall support up to 500 Access Points in HA
63	Annexure_TRS_Infrastructure_Wireless Controller	-	Point no 2.4	Shall support virtual teaming of controllers to provide high availability, license pooling and management ease	Clause modified: Shall support controllers to provide high availability, license pooling and management ease ,Shall support up to 500 Access Points in HA
64	Annexure_TRS_Infrastructure_Wireless AP	-	Point no 1.8	Radio operation modes - Client access, Local mesh, Packet capture	Clause modified: Radio operation modes - Client access, Local mesh, Packet capturing to controller
65	Annexure_TRS_Infrastructure_Rack Server	-	Point no19	Warranty: 3 years warranty. Pre failure warranty on CPU, Memory & Hard disks with 6 Hrs. response and resolution.	Clause modified: 3 years warranty. Pre failure warranty on CPU, Memory & Hard disks with 6 Hrs. response

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66	Annexure_TRS_Infrastructure, SAN Storage	-	Point no 3	The storage array shall be configured with at least 1 GB cache of total cache mirrored across with dedicated interface / paths communication between two storage controllers and should be scalable to 8GB.	Clause modified: The storage array shall be configured with at least 1 GB cache of total cache mirrored across with dedicated interface / paths communication between two storage controllers and should be scalable to 8GB or better
67	Annexure_TRS_Infrastructure, SAN Storage	-	Point no 9	Storage should support hardware based RAID with RAID level 0, 1, 5	Clause modified: Storage should support hardware based RAID with RAID level of 1, 1+0 or equivalent
68	Annexure_TRS_Infrastructure, Backup	-	Point no 6	Compatible Backup software solution as per the servers' specifications and proposed SAN Storage with capacity based license for 5TB	Clause modified: Compatible Backup software solution as per the servers' specifications and proposed SAN Storage with capacity based license for 5TB or better
69	ANNEXURE_TRS_SECURITY WEB APPLICATION FIREWALL	-	Point no 14	Inspect any protocol (proprietary or standardized) or data construct (proprietary or standardized) that is used to transmit data to or from a web application, when such protocols or data are not otherwise inspected at another point in the message flow.	Clause modified: Inspect any web socket protocol (proprietary or standardized) or data construct (proprietary or standardized) that is used to transmit data to or from a web application, when such protocols or data are not otherwise inspected at another point in the message flow.
70	ANNEXURE-TRS - INFRASTRUCTURE WIRELESS CONTROLLER	-	Point no 3.5	Shall support secure management interfaces, including SSH/SSL access to CLI/Web UI, IPsec encapsulated SNMP, and XML with digital certificates	Clause deleted
71	Annexure_TRS_Infrastructure_Acces Switch 24 Port PoE	-	Point no 5.4	Powerful QoS feature supporting strict priority (SP) queuing, weighted round robin (WRR) and and SP+WRR	Clause modified: Powerful QoS feature supporting strict priority (SP) queuing, weighted round robin (WRR) / SP+WRR or equivalent
72	Annexure_TRS_Infrastructure_Access Switch 48 Port	-	Point no 2.1	Shall have the capability to extend the control plane across multiple active switches making it a virtual switching fabric(or equivalent), enabling interconnected switches to perform as single Layer-2 switch and Layer-3 router	Clause modified: Switch should support stacking so as to operate as one unit
73	Annexure_TRS_Infrastructure_Access Switch 24 Port	-	Point no 2.1	Shall have the capability to extend the control plane across multiple active switches making it a virtual switching fabric(or equivalent), enabling interconnected switches to perform as single Layer-2 switch and Layer-3 router	Clause modified: Switch should support stacking so as to operate as one unit
74	Annexure_TRS_Infrastructure_Acces Switch 24 Port PoE	-	Point no 2.1	Shall have the capability to extend the control plane across multiple active switches making it a virtual switching fabric(or equivalent), enabling interconnected switches to perform as single Layer-2 switch and Layer-3 router	Clause modified: Switch should support stacking so as to operate as one unit
75	ANNEXURE – FRS - CORE - Port Operations (POS)	3	EBS.POS.2	The application should show home screen by default consisting of IPA / Port announcements, notifications and alerts to the user based on customizable user preferences	Clause modified: Port employees supporting workflow related to internal portal for carrying out functions such as leave management and approvals, document approvals, profile information, and others. The application should show home screen by default consisting of IPA / Port announcements, notifications and alerts to the user based on customizable user preferences

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76	ANNEXURE – FRS - CORE - Port Operations (POS)	6	EBS.POS.42	Portal should allow online applications, service requisitions, payments, raising grievances among others b. Port Vendor: Portal should provide following interfaces to be accessible to port vendor: i. Vendor Profile Information: The dashboard should provide a view wherein the vendor can view all the profile-related information like name, date-of-birth, PAN, Service-tax TIN, address, contact number and other relevant information like contract history. c. Employee Self Service Portal: Portal should ensure that following information will be available for the employee on self-service portal: ix. Medical reimbursement Management x. Applications/ requests a) All employee applications/ requests should be managed through an employee internal establishment portal. The standard applications processes for personnel management are: • Loans like Housing Loan, Education Loan, Motor vehicle loans, etc.	Clause modified: Portal should allow online applications, service requisitions, payments, raising grievances among others b. Port Vendor: Portal should provide following interfaces to be accessible to port vendor: i. Vendor Profile Information: The dashboard should provide a view wherein the vendor can view all the profile-related information like name, date-of-birth, PAN, TAN, Service-tax TIN, address, Bank Account Number details, contact number and other relevant information like contract history. c. Employee Self Service Portal: Portal should ensure that following information will be available for the employee on self-service portal: ix. Medical reimbursement Management EBS.POS.AMD.1The allowable reimbursement to be taken from CGHS rate or rates as per specific rules x. Applications/ requests a) All employee applications/ requests should be managed through an employee internal establishment portal. The standard applications processes for personnel management are: • Loans like Housing Loan, Education Loan, Motor vehicle loans, Computer loan, etc.
77	ANNEXURE – FRS - CORE - Port Operations (POS)	17	EBS.POS.86	Vendor registration: The system should allow to register vendor with unique ID	Clause modified: Vendor registration: The system should allow to register vendor with unique ID (should capture the all department processes related to registration)
78	ANNEXURE – FRS - CORE - Port Operations (POS)	18	EBS.POS.101	The approvals and allotment take care of all service requests and permissions requests made by the customer to the port. These include but not limited to: a. Berth / anchorage / jetty request	Clause modified: The approvals and allotment take care of all service requests and permissions requests made by the customer to the port. These include but not limited to: a. Berth / anchorage / jetty request / Waterfront
79	ANNEXURE – FRS - CORE - Port Operations (POS)	25	EBS.POS.211	System should have ability of system to have a system based ceiling on emergency purchases.	Clause modified: System should have ability of system to have a system based ceiling on emergency purchases. EBS.POS.AMD.2 Provision to receive application for Remission EBS.POS.AMD.3 Provision to receive intimation rejecting or sanctioning the Remission claim EBS.POS.AMD.4 System should have provision for generation of proforma bill
80	ANNEXURE – FRS - CORE - Port Operations (POS)	25	EBS.POS.223	System should have provision to maintain master data of berth details	Clause modified: System should have provision to maintain master data of berth details, Shed details
81	ANNEXURE – FRS - CORE - Port Operations (POS)	26	EBS.POS.237	System should have provision to check payment i.e. Berth Hire charges, Stevedoring charges, container related charges	Clause modified System should have provision to check payment i.e. Berth Hire charges, Stevedoring charges, container related charges - Container/Cargo Related Charges, Additional Berth Hire Charges, Double Banking etc.
82	ANNEXURE – FRS - CORE - Port Operations (POS)	26	EBS.POS.240	System should have provision for berth to berth shifting of vessels	Clause modified: System should have provision for berth to berth shifting of vessels, Berth to Berth, Wharfing / Shifting Provision

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83	ANNEXURE – FRS - CORE - Port Operations (POS)	26	EBS.POS.243	System should include – export and import wharfage of all types of cargo and all container related charges.	Clause added: System should include – export and import wharfage of all types of cargo and all container and other operation related charges. EBS.POS.AMD.5 System should have provision for multiple banking on single berth as per availability EBS.POS.AMD.6 System should have provision for issuing notices to unauthorized berthing of barges/crafts/ boats and also for police/ custom seized crafts berthed EBS.POS.AMD.7 System should have provision to capture details of declaration of Hazardous cargo
84	ANNEXURE – FRS - CORE - Port Operations (POS)	27	EBS.POS.260	System should have provision to generate Vessel Cargo Revenue report	Clause added: System should have provision to generate Vessel Cargo Revenue report EBS.POS.AMD.8 System should have provision to generate Embarkation and disembarkation report of passengers of coastal and foreign vessels.
85	ANNEXURE – FRS - CORE - Port Operations (POS)	27	EBS.POS.261	System should have provision to generate Dock wise Berth Occupancy Report	Clause added: System should have provision to generate Dock wise Berth Occupancy Report EBS.POS.AMD.9 System should have provision to capture details of Weather Reports
86	ANNEXURE – FRS - CORE - Port Operations (POS)	28	EBS.POS.270	System should allow creation of schedule and roster for each type of craft along with required crews including pilots, linesman, etc	Clause modified: System should allow creation of schedule and roster for each type of craft along with required crews including pilots, linesman, etc. based on requirement fed into the system by the Marine Department
87	ANNEXURE – FRS - CORE - Port Operations (POS)	28	EBS.POS.271	Schedule should take care of all types of maintenance – scheduled or break-down and be linked with other modules	Clause modified: Schedule should take care of all types of maintenance – scheduled (fed into the system by Marine Department) or break-down and be linked with other modules
88	ANNEXURE – FRS - CORE - Port Operations (POS)	28	EBS.POS.272	System should allow tagging of crafts for various movements along with crew required for operations and movement	Clause modified: System should allow tagging of crafts for various movements along with crew required (based on manning scale of marine) for operations and movement based on updates given by Marine Department
89	ANNEXURE – FRS - CORE - Port Operations (POS)	28	EBS.POS.273	System should allow capture of information related to craft movement and information contained in craft log book	Clause modified: System should allow capture of information related to craft movement and information contained in craft log book entered by Marine Department

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90	ANNEXURE – FRS - CORE - Port Operations (POS)	28	EBS.POS.275	System should be able to manage end-to-end operations import bulk cargo from landing in port to exit from port	<p>Clause added:</p> <p>System should be able to manage end-to-end operations import bulk cargo from landing in port to exit from port EBS.POS.AMD.10 Provision for accountal of cargo received at shed/yard EBS.POS.AMD.11 Provision for receiving cargo in shed from barge or over-side shipment from barge EBS.POS.AMD.12 Provision for accountal of cargo brought in as ‘Stock’ and its full/partial transfer to export character or despatched back to town EBS.POS.AMD.13 Provision for accountal of Shut-out export cargo – its transfer or return back to town EBS.POS.AMD.14 Provision for checking up to date payment of demurrage / license fee of a consignment before allowing shipment. EBS.POS.AMD.15 Provision for gate function for export Break-bulk/Bulk cargo EBS.POS.AMD.16 Provision for capturing draft survey report in case of bulk for final Tonnage EBS.POS.AMD.17 Provision for accountal of import cargo – posting on IGM against Line Numbers, wrong mark & nil mark adjustments, disbundling/rebundling, etc.</p> <p>EBS.POS.AMD.18 Provision for checking up to date payment of demurrage / license fee of a consignment before allowing delivery. EBS.POS.AMD.19 Provision for preparation of Out Turn Report. EBS.POS.AMD.20 Provision for delivery by barge from shed or over-side. EBS.POS.AMD.21 Provision for gate function for import Break-bulk/Bulk cargo EBS.POS.AMD.22 Provision for capturing draft survey report in case of bulk for final tonnage EBS.POS.282. System should be able to manage end-to-end operations export of container cargo from entry into port premise to sailing off from port EBS.POS.AMD.23 System should be able to manage end-to-end operations export of Cars cargo from entry into port premise to sailing off from port EBS.POS.AMD.24 System should be able to manage end-to-end operations import of Cars cargo from landing in port to exit from port EBS.POS.AMD.25 System should be able to identify detention cargo.</p>
91	ANNEXURE – FRS - CORE - Port Operations (POS)	28	EBS.POS.283	Provision for accountal of cargo received at shed/yard	<p>Clause modified:</p> <p>Provision for accountal of cargo received at shed/yard i.e there should be a Provision for Export Gate Opening, Shipping Bill, EA Filing are Missing which are prior to this Operation</p>
92	ANNEXURE – FRS - CORE - Port Operations (POS)	28	EBS.POS.284	Provision for receiving cargo in shed from barge or over-side shipment from barge	<p>Clause modified:</p> <p>Provision for receiving cargo in shed from barge or over-side shipment from barge - Provision should be there for receiving cargo through Rail, Road and Sea for Break Bulk and Bulk</p>
93	ANNEXURE – FRS - CORE - Port Operations (POS)	29	EBS.POS.303	Provision for exchange of information/data between Port’s with the system of Service Provider working at Terminal.	<p>Clause modified:</p> <p>Provision for exchange of information/data between Port’s systems with the system of Service Provider working at Terminal.</p>
94	ANNEXURE – FRS - CORE - Port Operations (POS)	34	EBS.POS.388	System should have provision for rotational booking of labour according to cargo type	<p>Clause modified:</p> <p>System should have provision for rotational booking of labour according to cargo type based on manning scale.</p>

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95	ANNEXURE – FRS - CORE - Port Operations (POS)	34	EBS.POS.401	After completion of shift’s work, Labour clerk puts tonnage against each labour	Clause added: After completion of shift’s work, Labour clerk puts tonnage against each labour EBS.POS.AMD.26 System should have provision to generate SMS based advanced notifications with details of deployment & postings of working points
96	ANNEXURE – FRS - CORE - Port Operations (POS)	36	EBS.POS.440	System should facilitate change of agency at any time from the date of obtaining the VCN.	Clause added: System should facilitate change of agency at any time from the date of obtaining the VCN. EBS.POS.AMD.27 System should have Provision of inter-berth shifting of vessels and realisation of charges thereof. EBS.POS.AMD.28 System should have Provision to change status of a vessel from foreign to coastal and vice-versa between inward and outward leg of a voyage as per order of statutory authorities
97	ANNEXURE – FRS - CORE - Port Operations (POS)	36	EBS.POS.444	System should have provision to accept online application for Import of goods along with necessary documents like Agent Delivery Order, Checklist for Bill of Entry, etc	Clause modified: System should have provision to accept online application for Import of goods along with necessary documents like Agent Delivery Order, Checklist for Bill of Entry, etc along with the delivery order, Bill of Lading, Invoice, Packing list, OOC, HSS
98	ANNEXURE – FRS - CORE - Port Operations (POS)	37	EBS.POS.467	System should have ability to check pre-shipment area & storage space availability & allot carting space	Clause modified: System should have ability to check pre-shipment area & storage space availability & allot carting space and check gate opening
99	ANNEXURE – FRS - CORE - Port Operations (POS)	39	EBS.POS.504	System should have provision to issue various certificates including but not limited to a. Landing Remark Certificate b. Short Landing Certificate c. Non delivery certificate	Clause modified: System should have provision to issue various certificates including but not limited to a. Landing Remark Certificate b. Short Landing Certificate c. Non delivery certificate d. Provision required to Generate Cargo Listed Certificate for Theft
100	ANNEXURE – FRS - CORE - Port Operations (POS)	40	EBS.POS.520	System should have provision to link Goods Transaction ID (GTI) with cargo destroyed.	Clause added: System should have provision to link Goods Transaction ID (GTI) with cargo destroyed. EBS.POS.AMD.29 Provision to check custom out of charges through EDI
101	ANNEXURE – FRS - CORE - Port Operations (POS)	44	EBS.POS.601	System should have provision to generate allocation of sale proceeds	Clause modified: System should have provision to generate allocation of sale proceeds, Tax collections
102	ANNEXURE – FRS - CORE - Port Operations (POS)	46	EBS.POS.660	System should have provision to accept estimated advanced charges	Clause modified: System should have provision to accept estimated advanced charges (Advanced charges as per scale of rates)
103	ANNEXURE – FRS - CORE - Port Operations (POS)	50	EBS.POS.744		Clause added: System should be capable to integrate with ports’ existing RFID systems. Eg. Haldia’s RFID based PACTS

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104	ANNEXURE – FRS - CORE - Port Operations (POS)	52	EBS.POS.767	System should have provision to receive recommendation letters in prescribed format from the registered port user who intend to use the vehicle i.e. truck, tempo, tanker, trailer and forklift	Clause modified: System should have provision to receive recommendation letters in prescribed format from the registered port user/vendors/contractors who intend to submit the tender/clarifications/execution of contracts/demo purpose/use the vehicle i.e. truck, tempo, tanker, trailer and forklift
105	ANNEXURE – FRS - CORE - Port Operations (POS)	53	EBS.POS.789	System should allow rule based allocation of dry dock / slipway / workshop based on schedule and availability details updated	Clause added: System should allow rule based allocation of dry dock / slipway / workshop based on schedule and availability details updated EBS.POS.AMD.30 Provision for receiving application for ship beaching & breaking EBS.POS.AMD.31 Provision to capture details of allotment of plot for beaching EBS.POS.AMD.32 Provision to display vessels beached awaiting for ship breaking and waiting list of ships for beaching EBS.POS.AMD.33 Provision for receipt of application for beaching to carry out repairs
106	ANNEXURE – FRS - CORE - Port Operations (POS)	53	EBS.POS.800		Clause added: System should have provision to capture details of reports being created during such cases EBS.POS.AMD.34 System should have the ability of maintain the statutory requirements of the factory act safety
107	ANNEXURE – FRS - CORE - Port Operations (POS)	54	EBS.POS.810	System should have provision to accept indent for fresh along with details of shed, quantity etc	Clause modified: System should have provision to accept indent for fresh/well water along with details of shed, quantity etc
108	ANNEXURE – FRS - CORE - Port Operations (POS)	54	EBS.POS.812	System should have provision to capture details of water meter connecting form mentioning quantity of fresh/water, shed, vessel's name, water meter No. and its previous reading	Clause modified: System should have provision to capture details of water meter connecting form mentioning quantity of fresh/well water, shed, vessel's name, water meter No. and its previous reading
109	ANNEXURE – FRS - CORE - Port Operations (POS)	54	EBS.POS.813		Clause added: System should have provision to capture details of fresh/well water also supplied by water tanker on payment of Port Trust charges through water Supply Section within port
110	ANNEXURE – FRS - CORE - Port Operations (POS)	54	EBS.POS.816	System should have provision to generate bill of water supplied to the vessel based on standard charges	Clause added: System should have provision to generate bill of water supplied to the vessel based on standard charges EBS.POS.AMD.35 System should have provision for generating the bills for water supply to the port users and quarters

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111	ANNEXURE – FRS - CORE - Port Operations (POS)	55	EBS.POS.820	System should feed all the details required for generating the invoice and should be easily integrated with other accounting systems and can calculate a wide variety of tariffs and fees such as electricity charges.	<p>Clause added:</p> <p>System should feed all the details required for generating the invoice and should be easily integrated with other accounting systems and can calculate a wide variety of tariffs and fees such as electricity charges. EBS.POS.AMD.36 System should have provision to accept indent for electricity with details of shed, quantity etc. EBS.POS.AMD.37 System should have provision to update designated official approval EBS.POS.AMD.38 System should have provision to capture details of energy meter form mentioning quantity of electricity consumed, shed, vessel's name, energy meter No. and its previous reading EBS.POS.AMD.30 System should have provision to capture details of energy meter supplied on payment of Port Trust charges EBS.POS.AMD.40 System should have provision to capture details of daily/monthly energy meter supply EBS.POS.AMD.41 System should have provision to generate electricity bills/receipts to be signed by Chief Officer of the vessel EBS.POS.AMD.42 System should have provision to generate electricity bills supplied to the vessel based on standard charges. EBS.POS.AMD.43 System should have provision for providing 4Nos HT Receiving from TNEB actual demand used with unit readings EBS.POS.AMD.44 System should have for requesting for HT / LT power supply consumers with details of load and quantity. EBS.POS.AMD.45 System should have provision for providing HT user's List in the port with actual demand and unit readings. EBS.POS.AMD.46 System should have provision for providing LT user's List with consumption reading of Temporary/permanent power supply tariff. EBS.POS.AMD.47 System should have provision for providing LT user's List with consumption reading of Residential quarter's power supply tariff. EBS.POS.AMD.48 System should have provision to capture details of energy meter form mentioning quantity of electricity consumed, location, LT user's name, energy meter No. and its previous reading for temporary power supply. EBS.POS.AMD.49 System should have provision to capture details of energy meter form mentioning quantity of electricity consumed, location, LT user's name, energy meter No. and its previous reading for permanent power supply. EBS.POS.AMD.50 System should have provision to capture details of energy meter form mentioning quantity of electricity consumed, location, LT user's name, energy meter No. and its previous reading for quarter's residential tariff power supply.</p>
112	ANNEXURE – FRS - CORE - Port Operations (POS)	55	EBS.POS.821	System should have provision to accept online applications for railways service from agents with necessary details like cargo details, rakes requirements, storage requirements, over dimensional consignment (ODC) details	<p>Clause modified:</p> <p>System should have provision to accept online applications for railways service from agents with necessary details like cargo details, rakes requirements, storage requirements, over dimensional consignment (ODC) details, filing of Indent for Wagons in the present process by wagon users at ChPT etc</p>
113	ANNEXURE – FRS - CORE - Port Operations (POS)	55	EBS.POS.831	System should have provision to capture details of Warehouse Book i.e. goods stored/ goods movement at warehouse	<p>Clause modified</p> <p>System should have provision to capture details of Warehouse Book i.e. goods stored/ goods movement at warehouse, goods movement from unloading siding to destination at port</p>

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114	ANNEXURE – FRS - CORE - Port Operations (POS)	56	EBS.POS.856		Clause added: System should have the provision to integrate with ERP EBS.POS.AMD.51 System should have Provision for collection of Central Railway Charges (including Octroi, etc.) EBS.POS.AMD.52 System should have provision for entry of cash received in respective Cash Book EBS.POS.AMD.53 System should have provision for remittance of Port charges EBS.POS.AMD.54 System should have provision for remittance of Central Railway Charges EBS.POS.AMD.55 System should have provision for remittance of Taxes, Cesses, Challans, etc. EBS.POS.AMD.56 System should have provision for billing of infringement charges for Over-Dimensional Consignment (ODC)
115	ANNEXURE – FRS - CORE - Port Operations (POS)	57	EBS.POS.869	from adjacent stations from the yard.	Clause modified: System should have provision to capture details of arrival of up train to station / transfer of foreign power to downward, Wadala from adjacent stations from the yard.
116	ANNEXURE – FRS - CORE - Port Operations (POS)	61	EBS.POS.934	system should have ability of system to have BG tracking as on a particular date with the following relevant details: a. Bank details b. BG limit and availability per bank c. BG availed per bank d. Payment made against BG e. BG maturity date f. BG maturity reminder to before 30 days of expiry	Clause modified: system should have ability of system to have BG tracking as on a particular date with the following relevant details: a. Bank details b. BG limit and availability per bank c. BG availed per bank d. Payment made against BG e. BG maturity date f. BG maturity reminder to Bank & Vendor before 30 days of expiry
117	ANNEXURE – FRS - CORE - Port Operations (POS)	61	EBS.POS.941	System should have ability to record the following details for each bank: Name of the Bank, Branch, Address, Telephone number, Fax number, Contact person (Multiple), Type of account, Account Number Date of opening, Date of closure, CC Limits, Non-fund limits, SWIFT Code, Cheque Inventory, Authorized signatories (Multiple with limits), Validity dates for authorized signatories	Clause modified: System should have ability to record the following details for each bank: Name of the Bank, Branch, Address, Telephone number, Fax number, Contact person (Multiple), Type of account, Account Number Date of opening, IFSC code, MICR Code, Date of closure, CC Limits, Non-fund limits, SWIFT Code, Cheque Inventory, Authorized signatories (Multiple with limits), Validity dates for authorized signatories
118	ANNEXURE – FRS - CORE - Port Operations (POS)	62	EBS.POS.952	System should have ability of system to maintain approval hierarchy before the release of cash payment	Clause modified: System should have ability of system to maintain approval hierarchy before the release of cash payment/Bank payment
119	ANNEXURE – FRS - CORE - Port Operations (POS)	63	EBS.POS.972	system should have ability of system to adjust certain expenditures (claimed by customer) against the invoice and receipts	Clause added: system should have ability of system to adjust certain expenditures (claimed by customer) against the invoice and receipts EBS.POS.AMD.57 System should have provision for generating Oil terminal bills
120	ANNEXURE – FRS - CORE - Port Operations (POS)	64	EBS.POS.994	System should have ability of receiving all types of letters, Bills related to cargo, marine, Electricity, land, etc	Clause modified: System should have ability of receiving all types of letters, Bills related to cargo, marine, Electricity, Water, damage, hire, land, etc

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121	ANNEXURE – FRS - CORE - Port Operations (POS)	64	EBS.POS.996	System should have ability of Generation and checking of various bills including but not limited to a. Marine & Garbage Bills b. Cargo Bills c. Container Bills d. Liquid Cargo Bills e. Land & Rent Bills f. Land Bills g. Electricity Bills h. Water Charge Bills	Clause modified: System should have ability of Generation and checking of various bills including but not limited to a. Marine & Garbage Bills b. Cargo Bills c. Container Bills d. Liquid Cargo Bills e. Land & building Rent/Quarters Bills f. Land Bills g. Electricity Bills (Temporary and Permanent connection) h. Water Charge Bills i. Way leave Charges j. Damage Bills k. Hire Charges l. Stevedoring Bills
122	ANNEXURE – FRS - CORE - Port Operations (POS)	66	EBS.POS.1024	System should have provision for automatic display of cancelled allotment / fresh allotment	Clause modified: System should have provision for automatic display of cancelled allotment / fresh allotment/ vacated allotment
123	ANNEXURE – FRS - CORE - Port Operations (POS)	66	EBS.POS.1030		Clause added: System should have provision to capture details of land occupation memo, vacation memo, possession of land, penal charges, etc as applicable
124	ANNEXURE – FRS - CORE - Port Operations (POS)	-			Clause added: EBS.POS.AMD.58 Additional requirements: <ul style="list-style-type: none"> • System should have provision for capture of functionalities of the Dredging Division. • System should have provision for capture of functionalities of the Floating Craft Service Station. • System should have provision for capture of functionalities of the DC's Buoy Yard Division. • System should have provision for capture of functionalities of the Marine Pollution Cell • System should have provision for capture of functionalities of the Signal Station. • System should have provision for capture of functionalities of the ISPS Cell. • The system should be able to capture the manpower requirement from the customer shift-wise • The system should have provision to calculate incentive and to integrate with the payroll module • System should be able to check customs permissions for Import & Export Cargo • System should have permission to capture details cargo loaded/unloaded truck-wise & cargo-wise • System should have provision to obtain the details from FOIS on the e-demands • System should have provision to capture Rake Advice details • System should have provision to calculate the net details of cargo loaded from the gross weight details of wagons received from in motion weighbridge • System should be able to capture details of black listing of vehicles individuals firms and releasing them from the black list • System should have provision to capture the port loco movements inside for local hauling movement of rakes including derailments damage etc., • System should have provision to capture outward RR details for generating port bills and collection of freight charges and remitting it to railways • System should have provision to ascertain higher charges of wagons to be

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					paid to southern railways • System should have provision for recording Export Gate opening for the vessel and linking GOP, SB, EA for Cargo admittance for export to nominated/planned Vessel • System should have provision for cargo admittance/delivery through all (mixed) modes – Road, Rail & Sea • System should have provision for linking transshipment/reshipment approvals and cargo accounting procedures
125	ANNEXURE – FRS - CORE - Port Operations (POS)				Clause added: EBS.POS.AMD.59 Reports from POS 1. Vessel Related Reports 1. Format_12 2. Format_13 3. Format_14 4. Format_15 5. Format_16 6. Annual Check List 7. Tonnage Handled 8. PCS Message Exchanged 9. Pilotage Movement 10. Fortnightly Return Of Ships 11. Berth wise Tonnage 12. Voyage Operation Detail 13. Vessel Performance Detail 14. Turn Round Time-Vessel Wise 15. Total Turn Round Time 16. Pre-Berthing -Date Wise 17. Total Pre Berthing Details 18. Non-Working Details 19. Total Non-Working Details 20. Number & Size Of Ships 21. PPI Check List 22. Berth Occupancy 23. Format_15 Date wise 24. Vessel Movement Query Date wise 25. Naval/Costal Vessel Movement Query Date wise 26. Vessel Productivity 27. Vessel Productivity_Web 28. Vessel Arrived at Chpt 29. Date wise PreBerthing Details 30. Traffic Pre Berthing Details 31. Format_15 Pass/Tourist 32. Vessel Arrival/Shifted/Sailed Details 33. Daily Traffic Report 34. Vessels at Berth OA ETA 35. Cargo Summary 36. Work Detention Details 37. Proforma for Non Container Berths 38. Proforma for Container Berths 39. Berth Utilisation Details 40. Port Performance Report 41. Turn Round Time CNTR1 42. Turn Round Time CNTR2 43. Turn Round Time NON CNTR 44. PRE BERTHING CNTR1 45. PRE BERTHING CNTR2

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					46. PRE BERTHING NONCNTR 47. Terminal wise Container Vessel Reports 2. Cargo Related Reports 1. IGM/EGM Details 2. Vessel wise Commodity 3. Flag Wise Commodity Statement 4. Flag Wise Summary 5. Commodity Wise Summary 6. Prin Com Imp Summary 7. Prin Com Exp Summary 8. Prin Com Imp/Exp Statement 9. RegWise Commodity Imp/Exp 10. Regwise Principle Com Import 11. Regwise Principle Com Export 12. Flag Wise Vessel Wise Summary 13. Flag Wise Vessel Wise Statement 14. Regwise Principle Com Import Summary 15. Regwise Principle Com Export Summary 16. RegWise Commodity Imp/Exp Summary 17. Commodity Wise Flag Statement 18. Commodity Wise Reg Imp/Exp 19. Region Group wise Principal Commodity Import 20. Region Group wise Principal Commodity Import Summary 21. Region Group wise Principal Commodity Export 22. Region Group wise Principal Commodity Export Summary 23. Type Wise Summary 24. Port Wise Commodity Statement 25. Port Wise Commodity Summary 26. Port Wise Flag Wise Commodity 27. Port Wise Flag Wise Commodity Summary 28. Flag Wise Vessel Wise Port 29. Vessel Wise Commodity Summary 30. State - Wise Commodity 31. State - Wise Commodity Summary 32. Commodity Wise Quay Wise Statement 33. Quay Wise Commodity Wise Statement 34. Application List PRC 35. Cargo Item wise Details
126	ANNEXURE – FRS - CORE - Finance (FIN)	66	EBS.FIN.2	Ability of system to automatically calculate salary and related statutory deductions like ESI, PF, PT, GS&IS, as well as other deductions opted by employees	Clause added: Ability of system to automatically calculate salary(including subsistence allowance) and related statutory deductions like ESI, PF, PT, GS&IS, Income Tax and other deductions such as loan recovery, court attachment, as well as other deductions opted by employees. EBS.FIN.AMD.1 System should support Priority based deduction, for eg, port dues get higher priority over others
127	ANNEXURE – FRS - CORE - Finance (FIN)	66	EBS.FIN.3	Ability to calculate the salary based on Labour law, tax law, Benefit law, Civil law, Reporting law, Information law, statistics Law	Clause modified: Ability to calculate the salary based on Labour law, tax law, Benefit law, Civil law, Reporting law, Information law, statistics Law, wage settlement, pay revision order,FR/SR, terms of appointment etc.
128	ANNEXURE – FRS - CORE - Finance (FIN)	66	EBS.FIN.7	Ability of the system to calculate the net remuneration and perform retroactive accounting if specific master data has subsequently been changed for the previous payroll periods	Clause modified: Ability of the system to calculate the net remuneration and perform retroactive accounting (arrears) if specific master data has subsequently been changed for the previous payroll periods

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129	ANNEXURE – FRS - CORE - Finance (FIN)	66	EBS.FIN.9	Ability of system to have automatic data retrieval on the previous employment details for tax computation(employee code & salary details) in the event of change in employee category (contract to regular, etc.), during the same financial year	Clause modified: Ability of system to have automatic data retrieval on the previous employment details for tax computation(employee code & salary details) in the event of change in employee category (contract to regular, etc.), during the same financial year and deputation.
130	ANNEXURE – FRS - CORE - Finance (FIN)	66	EBS.FIN.17	Ability to processes time data and calculate the individual gross values.	Clause modified: Ability to processes time data and calculate the individual gross values. eg. Incentive calculations
131	ANNEXURE – FRS - CORE - Finance (FIN)	66	EBS.FIN.18	Ability to lock the personnel numbers, for which payroll should be run, against master data changes that affect the payroll, past or present	Clause modified: Ability to lock the personnel numbers(eg. employee code number), for which payroll should be run, against master data changes that affect the payroll, past or present
132	ANNEXURE – FRS - CORE - Finance (FIN)	67	EBS.FIN.35	Ability of system to support preparation of loan recovery schedule based on the sanctioned period and interest rate out the interest payable if loan is foreclosed	Clause modified: Ability of system to support preparation of loan recovery schedule based on the sanctioned period and interest rate and to re-work out the interest payable if loan is foreclosed
133	ANNEXURE – FRS - CORE - Finance (FIN)	67	EBS.FIN.38	Ability of system to provide for notice period deduction in the pay slip	Clause modified: Ability of system to provide for notice period deduction in the pay slip (should show outstanding loan in the pay slip)
134	ANNEXURE – FRS - CORE - Finance (FIN)	67	EBS.FIN.40	Ability of system to determine the value of perquisites (PF interest, conveyance loan interest difference, medical , accommodation perks etc.) provided to employees for the purpose of Income Tax	Clause modified: Ability of system to determine the value of perquisites (PF interest, conveyance loan interest difference, medical, accommodation perks etc.) provided to employees for the purpose of Income Tax considering the income/saving details submitted for tax exemption
135	ANNEXURE – FRS - CORE - Finance (FIN)	68	EBS.FIN.59	Ability of system to calculate bonus and incentives as per the parameters set	Clause modified: Ability of system to calculate bonus/PLR (productivity linked reward) and incentives as per the parameters set
136	ANNEXURE – FRS - CORE - Finance (FIN)	68	EBS.FIN.73	Ability of system to facilitate viewing of the PF statement of employees	Clause modified: Ability of system to facilitate viewing of the salary/PF statement of employees through online portal
137	ANNEXURE – FRS - CORE - Finance (FIN)	68	EBS.FIN.74	Ability of system to process payroll payment based on Over Time hours days captured through HR system.	Clause modified: Ability of system to process payroll payment based on Over Time hours/holiday/rest days captured through HR system.
138	ANNEXURE – FRS - CORE - Finance (FIN)	68	EBS.FIN.77	Ability of system to capture quarterly Dearness Allowance changes	Clause added: Ability of system to capture quarterly Dearness Allowance changes as required EBS.FIN.AMD.2 Ability of the system to make payment of stipend to apprentice/canteen employees

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139	ANNEXURE – FRS - CORE - Finance (FIN)	69	EBS.FIN.87	Facility for various loan deductions through salary like interest subsidy on Housing loan(on 3% subsidy upto 15L),housing loans(existing), Vehicle loan(only existing ones), Festival advance (20K per year), consumer loan(50K), Education loan, Computer Loan	Clause modified: "Facility for various loan deductions through salary like interest subsidy on Housing loan(on 3% subsidy upto 15L),housing loans(existing), Vehicle loan(only existing ones), Festival advance (20K per year), consumer loan(50K), Education loan, Computer Loan The above parameters should be made parameterised.
140	ANNEXURE – FRS - CORE - Finance (FIN)	70	EBS.FIN.119	The system should generate a weekly report showing list of employees who are due to receive ECS payment towards sanctioned PF advance in a given week in order to avoid anxious enquiries regarding cleared / sanctioned PF advance requests	Clause added: The system should generate a weekly report showing list of employees who are due to receive ECS payment (Online mode) towards sanctioned PF advance in a given week in order to avoid anxious enquiries regarding cleared / sanctioned PF advance requests EBS.FIN.AMD.3 System should able to handle Deputation Employee's PF recovery and all other relevant details.
141	ANNEXURE – FRS - CORE - Finance (FIN)	71	EBS.FIN.122	Ability of system to Direct purchase Medicine Bills (through HDC Consumers' Co-operative Stores) process for payment / Credit Medical Bills (Referral Bill) noting and passing / Retd. Med. Bills process for payment / CISF Med. Bills process for payment / Tie-up Institutions Bills noting and passing (Including I. Tax)	Clause added: Ability of system to Direct purchase Medicine Bills (through HDC Consumers' Co-operative Stores) process for payment / Credit Medical Bills (Referral Bill) noting and passing / Retd. Med. Bills process for payment / CISF Med. Bills process for payment / Tie-up Institutions Bills noting and passing (Including I. Tax) EBS.FIN.AMD.4 System should able to consider Exemption of TDS for Credit Medical Bills for exceptional cases as per requirements.
142	ANNEXURE – FRS - CORE - Finance (FIN)	74	EBS.FIN.217	Allow partial payments to be applied to specific invoice line items in a predetermined order, or designated at posting or to the invoice as a whole	Clause added: Allow partial payments to be applied to specific invoice line items in a predetermined order, or designated at posting or to the invoice as a whole EBS.FIN.AMD.5 System should calculate the penal interest amount (if any) for unpaid amount after certain/specified period of time.
143	ANNEXURE – FRS - CORE - Finance (FIN)	75	EBS.FIN.235	System should have ability to generate Invoice containing invoice number, invoice date, invoice line items, customer name, contact details, organizations service tax number, registered address, amount of invoice, payment due date, rate of interest if invoice not paid within due date, authorized personnel from organization signing invoice and total amount of invoice	Clause modified: System should have ability to generate Invoice containing invoice number, invoice date, invoice line items, customer name, contact details, organizations service tax number, PAN, TAN, registered address, amount of invoice, payment due date, rate of interest if invoice not paid within due date, authorized personnel from organization signing invoice and total amount of invoice
144	ANNEXURE – FRS - CORE - Finance (FIN)	76	EBS.FIN.275	System should have ability to generate Reconciliation report	Clause modified: System should have ability to generate Reconciliation report with user defined parameters
145	ANNEXURE – FRS - CORE - Finance (FIN)	77	EBS.FIN.292	System should have ability to create advance/ deposit / receipt against invoice based credit advice received from the bank either electronically or manually	Clause modified: System should have ability of Ability to create advance/ deposit / receipt against invoice based credit advice received from the bank either electronically or manually
146	ANNEXURE – FRS - CORE - Finance (FIN)	78	EBS.FIN.302	System should have ability of receiving all types of letters, Bills related to cargo, marine, Electricity, land	Clause modified: System should have ability of receiving all types of letters, Bills related to cargo, marine, Electricity, land, water, etc.

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147	ANNEXURE – FRS - CORE - Finance (FIN)	78	EBS.FIN.304	System should have ability of Generation and checking of various types of port bills including but not limited to 1. Marine & Garbage Bills 2. Cargo Bills 3. Container Bills 4. Liquid Cargo Bills 5. Land Rent Bills 6. Land Bills 7. Electricity Bills 8. Water Charge Bills	Clause modified: System should have ability of Generation and checking of various types of port bills including but not limited to 1. Marine & Garbage Bills 2. Cargo Bills 3. Container Bills 4. Liquid Cargo Bills 5. Land Rent Bills 6. Land Bills 7. Electricity Bills 8. Water Charge Bills 9. Damages Bills 10. Hire charges bills 11. Railway Freight & port charges bills
148	ANNEXURE – FRS - CORE - Finance (FIN)	78	EBS.FIN.305	System should have ability of Service Tax Calculation & Payment + Tax Calculation on Party-wise Bills	Clause added: System should have ability of Service Tax Calculation & Payment + Tax Calculation on Party-wise Bills EBS.FIN.AMD.6 System should able to calculate Interest for delayed payments and should have provision to provide the interest rates/statutes as applicable.
149	ANNEXURE – FRS - CORE - Finance (FIN)	83	EBS.FIN.438	System should have capability to provide for automated monthly and year end closing entries.	Clause added: System should have capability to provide for automated monthly and year end closing entries. EBS.FIN.AMD.7 System should have capability to provide Exceptional report (wrong entries)
150	ANNEXURE – FRS - CORE - Finance (FIN)	83	EBS.FIN.443	Provide user friendly drop-down menus for all codes currently available in the system, such as Cost Center, Department Codes, Account Codes, Scheme codes, branch codes, sub branch codes and other applicable codes as per organizations requirement.	Clause added: Provide user friendly drop-down menus for all codes currently available in the system, such as Cost Center, Department Codes, Account Codes, Scheme codes, branch codes, Account Officers codes, sub branch codes and other applicable codes as per organizations requirement.
151	ANNEXURE – FRS - CORE - Finance (FIN)	84	EBS.FIN.444	System should provide reconciliation capabilities for Accounts Payable, Accounts Receivable, TDS Accounts, Service tax accounts and other organizational created ledgers.	Clause modified: System should provide reconciliation capabilities for Accounts Payable, Accounts Receivable, TDS Accounts, Service tax accounts, Bank reconciliation and other organizational created ledgers.
152	ANNEXURE – FRS - CORE - Finance (FIN)	84	EBS.FIN.450	System should allow the capability to associate new cost center numbers with historic cost center	Clause modified: System should allow the capability to associate new cost center/budget center/type wise/activity wise numbers with historic cost center/budget center/type wise/activity wise numbers.
153	ANNEXURE – FRS - CORE - Finance (FIN)	86	EBS.FIN.514	System should have ability of Automatic posting of cash movements from Accounts Payable, and Accounts Receivable	Clause modified: System should have ability of Automatic posting of cash (Physical/online) movements from Accounts Payable, and Accounts Receivable

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154	ANNEXURE – FRS - CORE - Finance (FIN)	86	EBS.FIN.521	System should have ability of Automatic payment/receipt matching between the cash books and bank statement details based on payment/receipt reference number and amount.	Clause added: System should have ability of Automatic payment/receipt matching between the cash books and bank statement details based on payment/receipt reference number and amount. EBS.FIN.AMD.8 The system should provide statements of cash/cheque/DD in hand to be deposited to the bank and also exception report for delay in depositing and clearance of cheque/DD by the bank. EBS.FIN.AMD.9 System should provide report of return / rejection of payment made. EBS.FIN.AMD.10 System should generate the daily balance sheet for the collection and deposited with the physical denomination wise (online/cash collection).
155	ANNEXURE – FRS - CORE - Finance (FIN)	88	EBS.FIN.571	Ability of system to support the creation of the following: • Cost centres • Profit centres • Cost Elements • Internal Orders • Profitability segments • Other Cost Objects	Clause added: Ability of system to support the creation of the following: • Cost/Budget/Type wise/Activity wise centres • Profit centres • Cost Elements • Internal Orders • Profitability segments • Other Cost Objects
156	ANNEXURE – FRS - CORE - Finance (FIN)	89	EBS.FIN.581	Ability of system to establish a mapping between the cost element and GL Account	Clause modified: Ability of system to establish a mapping between the cost element and GL/Profit & Loss Account
157	ANNEXURE – FRS - CORE - Finance (FIN)	90	EBS.FIN.606	Ability of the system to capture machine utilization hours booking through ERP by concerned section	Clause modified: Ability of the system to capture machine/other equipment utilization hours booking through ERP by concerned section
158	ANNEXURE – FRS - CORE - Finance (FIN)	90	EBS.FIN.608	Ability of the system to provide analysis and sub analysis for budgeting purpose	Clause modified: Ability of the system to provide analysis and sub analysis for budgeting purpose EBS.FIN.AMD.11 System should capture and provide berth wise costing/analysis based on requirement of marine (dredging), equipment (engineering sections) and other relevant requirements. EBS.FIN.AMD.12 System should provide cost benefit Analysis based on revenue earned (wharfage, berth hire, etc.) and expenditure for maintenance and capacity augmentation.
159	ANNEXURE – FRS - CORE - Finance (FIN)	90	EBS.FIN.614	Ability of system to allow for generating financial statements at the following levels: • Across Departments • Across Profit Centres	Clause modified: Ability of system to allow for generating financial statements at the following levels: • Across Departments • Across Profit Centres • Across Major account head wise
160	ANNEXURE – FRS - CORE - Finance (FIN)	90	EBS.FIN.617	Ability of system to support multiple books for multi GAAP	Clause modified: Ability of system to support multiple books for multi GAAP (General Accepted Accounts Principles) compliance

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161	ANNEXURE – FRS - CORE - Finance (FIN)	90	EBS.FIN.626	Ability to generate any reports, comparing against: • Previous periods • Previous year	Clause modified: Ability to generate any reports, comparing against: • Previous periods • Previous year • Budget estimates/revised estimates
162	ANNEXURE – FRS - CORE - Finance (FIN)	91	EBS.FIN.638	Automatic rejection of expenditure booking within the system if the cumulative expenditure amount is beyond the budget	Clause added: Automatic rejection of expenditure booking within the system if the cumulative expenditure amount is beyond the budget (EBS.FIN.AMD.13 System should permit for Modification for the budget based on approval of appropriate authority
163	ANNEXURE – FRS - CORE - Finance (FIN)	92	EBS.FIN.654	Budget and actual expenditure inquiry or reporting by a department should be restricted to the data pertaining to that department only. The authorized budget users such as the Budget Officer and the officials of the budget section should however have complete access.	Clause added: Budget and actual expenditure inquiry or reporting by a department should be restricted to the data pertaining to that department only. The authorized budget users such as the Budget Officer and the officials of the budget section should however have complete access. EBS.FIN.AMD.14 System should permit facilitation by concerned operating departments to enter budget requirement.
164	ANNEXURE – FRS - CORE - Finance (FIN)	92	EBS.FIN.662	Support budget dimensions such as: • Fund • Function (Sector) • Programme Activity / Sub-activity • Project/sub-project • Department • State • Responsibility / sub-responsibility / Cost Centre • Object (Account code), etc.	Clause modified: Support budget dimensions such as: • Fund • Function (Sector) • Programme Activity / Sub-activity • Project/sub-project • Department • State • Responsibility / sub-responsibility / Cost Centre / Revenue centre • Scheme Number • Activity Wise (Cargo related charges etc) • Object (Account code), etc.
165	ANNEXURE – FRS - CORE - Finance (FIN)	93	EBS.FIN.673	PF, Non contributed PF and Pension, Sinking Funds – Special Funds Management	Clause added: PF, Non contributed PF and Pension, Sinking Funds – Special Funds Management EBS.FIN.AMD.15 System should provide management of General Funds, general insurance fund, Leave encashment fund, etc.
166	ANNEXURE – FRS - CORE - Finance (FIN)	94	EBS.FIN.715	Ability of system to generate of Statement of Total Income & Income tax	Clause modified: Ability of system to generate of Statement of Total Income & Income tax return including type wise Expenditure, Income & Expenditure statement, Depreciation, EL and Bonus
167	ANNEXURE – FRS - CORE - Finance (FIN)	94	EBS.FIN.716	Ability of system to capture assessment history of previous years.	Clause added: Ability of system to capture assessment history of previous years. EBS.FIN.AMD.16 Ability of system to calculate the TDS credited by the port users which becomes eligible for excess tax refundable. (Form 26AS details of TDS) EBS.FIN.AMD.17 System should capture Prior period income code and prior period expenditure code

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168	ANNEXURE – FRS - CORE - Finance (FIN)	96	EBS.FIN.748	Ability of system to calculate service tax in case of GTA wherein the applicability is based on the consignment value	Clause modified: Ability of system to calculate service tax in case of GTA (Goods Transport Agency) wherein the applicability is based on the consignment value
169	ANNEXURE – FRS - CORE - Finance (FIN)	96	EBS.FIN.750	Ability of system to split the service tax into service tax, Education cess and special education cess (For Example: 10%+2%+1%)	Clause added: Ability of system to split the service tax into service tax, Education cess and special education cess (For Example: 10%+2%+1%) EBS.FIN.AMD.18 Ability of system to split the service tax into service tax, Swach Bharat Cess, Krishi Kalyan Cess (For Example: 14% + 0.5%+0.5%)
170	ANNEXURE – FRS - CORE - Finance (FIN)	96	EBS.FIN.752	Ability of the system to rework Service Tax based on reduction allowed for each project in SR	Clause added: Ability of the system to rework Service Tax based on reduction allowed for each project in SR EBS.FIN.AMD.19 System should calculate service tax for refund amount of the excess payment EBS.FIN.AMD.20 System should Calculate & generate Service Tax Returns Half Yearly & Annually
171	ANNEXURE – FRS - CORE - Human Resource (HR)	98	EBS.HR.8	Ability to carry out manpower audit periodically as defined by the user	Clause added: Ability to carry out manpower audit periodically as defined by the user EBS.HR.AMD.1 The system should be able to capture the procedures of Departmental Promotion / MACP, Promotion under the scheme of grouped posts, Disciplinary case details, transfer of officers and staff
172	ANNEXURE – FRS - CORE - Human Resource (HR)	98	EBS.HR.9	Ability of system to update the approved manpower requirement with job description, designation, qualification, skill, experience etc. with projects /departments wise	Clause modified: Ability of system to update the approved manpower requirement with job description, designation, qualification, skill, experience etc. with projects /departments wise
173	ANNEXURE – FRS - CORE - Human Resource (HR)	99	EBS.HR.25	Ability to publish the results of written / practical / interview on the internet	Clause added: Ability to publish the results of written / practical / interview on the internet EBS.HR.AMD.2 System should have Provision to generate details regarding number of currents in each section received / disposed / pending / closed.
174	ANNEXURE – FRS - CORE - Human Resource (HR)	99	EBS.HR.43	Ability to notify the Chief Vigilance Officer to verify the Sc / ST caste certificate post joining.	Clause added: Ability to notify the Chief Vigilance Officer/secretary to verify the Sc / ST caste certificate post joining. EBS.HR.AMD.3 The system should be able to process the details of compassionate appointment
175	ANNEXURE – FRS - CORE - Human Resource (HR)	101	EBS.HR.85	Maintain information on applications received from summer trainees	Clause added: Maintain information on applications received from summer trainees. EBS.HR.AMD.4 System should have provision for sending the approval note to HOD, Grant of permission letter to college, note to departments/faculties for imparting the training to students

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176	ANNEXURE – FRS - CORE - Human Resource (HR)	102	EBS.HR.102	System should be able to generate a report on the list of new joinees along with other user defined details.	Clause added: System should be able to generate a report on the list of new joinees along with other user defined details. EBS.HR.AMD.5 System should be able to capture whether the posts required to be filled-in identified as surplus & to generate number of posts identified as surplus, category-wise, class-wise, department wise EBS.HR.AMD.6 System should have provision for shortlisting online applicants based on the eligibility criteria. EBS.HR.AMD.7 System should have provision to store photographs of the family members
177	ANNEXURE – FRS - CORE - Human Resource (HR)	103	EBS.HR.126	Generation of ETDS data	Clause modified: Generation of ETDS data Quarterly (Annexure -1) and Annually (Annexure-2)
178	ANNEXURE – FRS - CORE - Human Resource (HR)	103	EBS.HR.127	Calculation of income tax forecast for each employee based on the employee declaration of savings	Clause modified: Calculation of income tax forecast for each employee based on the employee declaration of savings & other Income etc.
179	ANNEXURE – FRS - CORE - Human Resource (HR)	103	EBS.HR.129	Support leave encashment on LTC and also on retirement with consequent tax adjustments	Clause added: Support leave encashment on LTC and also on retirement with consequent tax adjustments EBS.HR.AMD.8 System should support leave encashment & LTC exemption related to Income tax
180	ANNEXURE – FRS - CORE - Human Resource (HR)	104	EBS.HR.168	Facility to provide online application for the loan	Clause modified: Facility to provide online application for the loan subject to eligibility
181	ANNEXURE – FRS - CORE - Human Resource (HR)	104	EBS.HR.174	Facility to store physical documents associated with loans (e.g. legal forms, deeds etc.) for reference	Clause modified: Facility to store digitally physical documents associated with loans (e.g. legal forms, deeds etc.) for reference
182	ANNEXURE – FRS - CORE - Human Resource (HR)	111	EBS.HR.345	Ability to issue alerts for initiating the recruitment process for particular vacancies identified as per the approved recruitment plan.	Clause added: Ability to issue alerts for initiating the recruitment process for particular vacancies identified as per the approved recruitment plan. EBS.HR.AMD.9 Capability to make provision to mention the date of occurrence of vacancies.
183	ANNEXURE – FRS - CORE - Human Resource (HR)	112	EBS.HR.372	Ability to record attendance and conduct of employees attending training	Clause modified: Ability to record attendance (Biometric) and conduct of employees attending training
184	ANNEXURE – FRS - CORE - Human Resource (HR)	113	EBS.HR.381	Ability of the system to provide post training evaluation	Clause added: Ability of the system to provide post training evaluation EBS.HR.AMD.10 Ability of the system to capture the expenses incurred on tea, snacks and lunch provided
185	ANNEXURE – FRS - CORE - Human Resource (HR)	113	EBS.HR.400	Ability of the system to provide post training evaluation.	Clause added: Ability of the system to provide post training evaluation. EBS.HR.AMD.11 System should have provision for providing the various reports for complying the administrative and user's needs

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186	ANNEXURE – FRS - CORE - Human Resource (HR)	113	EBS.HR.405	The system should track the completion of induction training of new joiners and also re-schedule for those who have not attended the assigned training session	Clause added: The system should track the completion of induction training of new joiners and also re-schedule for those who have not attended the assigned training session EBS.HR.AMD.12 System should provide facility to capture contractual labour deployment pattern
187	ANNEXURE – FRS - CORE - Human Resource (HR)	114	EBS.HR.427	Ability of the system to notify the finance department for the inclusion in the payroll	Clause added: Ability of the system to notify the finance department for the inclusion in the payroll EBS.HR.AMD.13 Ability to initiate MACP (Mid Assurance Career Programme)
188	ANNEXURE – FRS - CORE - Human Resource (HR)	118	EBS.HR.503	The system should support pension processing for pensioners - to obtain pension slip/change of nominees/details of pension during financial year/Tax calculations/updation of personal details etc.	Clause modified: The system should support pension processing for pensioners — (Implementing periodical changes of pension relief, restoration of basic pension, payment of additional pension, arrears, any other recovery, income tax deductions, calculation of left over pension in the case of deceased pensioners, stoppage of pension on completion of 25 years of age to dependent children) to obtain pension slip/change of nominees/details of pension during financial year/Tax calculations/updation of personal details etc.
189	ANNEXURE – FRS - CORE - Human Resource (HR)	118	EBS.HR.518	Capture DA rates in pension module at half yearly intervals	Clause modified: Capture DA rates in pension module at Quarterly, half yearly intervals
190	ANNEXURE – FRS - CORE - Human Resource (HR)	119	EBS.HR.524	Obtaining Life Certificate, Non-Employment from Pensioners	Clause modified: Obtaining Life Certificate, Non-Employment, Re-marriage Certificate from Pensioners
191	ANNEXURE – FRS - CORE - Human Resource (HR)	121	EBS.HR.575	The system should generate a weekly report showing list of employees who are due to receive ECS payment towards sanctioned PF advance in a given week in order to avoid anxious enquiries regarding cleared / sanctioned PF advance requests	Clause added: The system should generate a weekly report showing list of employees who are due to receive ECS payment towards sanctioned PF advance in a given week in order to avoid anxious enquiries regarding cleared / sanctioned PF advance requests a. EBS.HR.AMD.14 System should have following facility: b. Industrial Relations Module, c. Safety Module, d. Workmen's' Compensation, (Compensation will calculate automatically based on input parameters) e. Welfare Module, f. Property Management, (Property declaration of Class I and II will visible to Vigilance and Dy. Chairman, rest will visible to admin department) g. RTI, (Common process for all module) h. CPGRAM (Auto integration with this portal) i. Contract Labour Management (billing, principal employer function etc.) and its processes and requirements. j. Transport Management (deployment, in house maintenance in Central Garage) and its processes and requirements k. Incident reporting (Fire, Security) and its processes and requirements l. Firefighting facility and operations and its processes and requirements EBS.HR.AMD.15 The system should provision to provide alerts if less than 15% employees trained for particular year. EBS.HR.AMD.16 The system should have provision to maintain the details regarding the three day training programme on occupational safety to stevedores. EBS.HR.AMD.17 System should have provision to covers the topics under Project and Internship training.

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					<p>EBS.HR.AMD.18 WORK RELATED TO BOARD MEETINGS:</p> <p>(i) Reconstitution of Board</p> <ul style="list-style-type: none"> • System should have provision for Forwarding to the Ministry, Trust’s view on composition of Board / request from any, for Trusteeship in the Chennai Port Board / name nominated by the Trade Union to represent Labour employed in the Port. • On receipt of Gazette notification from the Ministry appointing Trustees, system should have provision to send the appointment letter. • System should have provision for maintaining the list of Trustees of the board. <p>(ii) Conducting Board Meetings:</p> <ul style="list-style-type: none"> • System should have provision for Requesting Chairman for fixing up of Date & Time • System should have provision for Intimation of Date & Time to the HODs and Trustees • Compilation of proposals received from various departments for submission to the Board – provision for Preparation of Agenda and circulation of Agenda to the Trustees 10 days prior to the Board Meeting. • System should have provision for Inclusion of any agenda after 10 days with the approval of Ministry’s approval • System should have provision for Forwarding of Board Agenda to Resident Audit Officer (RAO). • System should have provision for Preparation of Draft Minutes of the Board Meeting and circulation of the approved minutes to the Trustees for additions or modifications of any, only after approval of chairman. • System should have provision for Forwarding of Board Resolution and extract of the Minutes of the Board Meeting to the department concerned for taking necessary follow up action. • System should have provision for Preparation of a report on the follow up action taken on the Board Resolutions. • System should have provision for Submission of Board Notes with regard to confirmation of Board Minutes and report on the Follow up. • System should have provision for Forwarding confirmed Board Meeting Minutes to the Ministry / IPA / Trustees / HODs. • System should have provision for maintain the below e-Registers: <p>• Register Maintained:</p> <ol style="list-style-type: none"> I. Attendance Register - To maintain attendance of the Trustees of the Board Meetings II. Agenda Register – To keep track of agendas submitted in the every Board Meeting III. Yearly Minutes Book – Minutes of the Board Meetings conducted during that year <p>(iii) Payment of Sitting Fees to the Trustees</p> <p>System should have provision to track the payments made (sitting fees) to the eligible Trustees who attended the Board Meeting</p> <p>EBS.HR.AMD.19 PERIODICALS</p> <ul style="list-style-type: none"> • Action plan for the year and Monthly Performance Report -System should have provision for sending the Action plan furnished to the Ministry once a year -System should have provision for sending Monthly performance report to the Ministry furnished every month by obtaining information from all the departments • Reservation to Schedule Caste / Scheduled Tribe persons in the Chennai Port Trust – System should have provision for sending Periodical review by the Port Trust Board – forwarded to the Ministry every quarter. • Progressive use of Hindi in the day-to-day administration of the Port – Periodical review by Port Trust Board – System should have provision for sending forwarded to the Ministry every quarter.

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					<p>EBS.HR.AMD.20 VERIFICATION OF COMMUNITY CERTIFICATE</p> <ul style="list-style-type: none"> • System should generate details of reserved community employees whose community certificate verified. • Provision to generate details of employees whose community certificate which are pending with the DVC/SLSC/HHC respectively with status. • Provision to generate details of reserved community employees whose community certificate once cancelled and pending in DVC/SLSC/HHC. • Provision for providing the Details of employees for whom promotions are withheld due to cancellation of community certificate at one stage. • Provision to generate details of reserved employee due for Retirement on Superannuation. <p>EBS.HR.AMD.21 PUBLIC RELATION</p> <ul style="list-style-type: none"> • System should have provision to book the vehicle and settlement of bills on monthly basis. • System should have provision for capturing Room Rent charges (cash and online) collected from the occupants of Guest house which will be submitted to Finance department. • System should provision to capture the details of school and college students visiting the harbour area. • The system should have provision to capture the details of advertisement like advertisement amount, name of the publication and date on which advertisement was published. • The system should provision for capturing the charges incurred for the Arranging accommodation, food, vehicle in connection with various Port related functions, visit of Parliamentary Committees, IPA Committees etc. including the food, transport, etc. head wise. • System should have provision for sending the invitation to print and electronic media for various Annual Press Meet and other Press Meets as directed by Chairman. And to have provision for capturing the charges incurred on foods, etc. for arrangement • System should have provision for Sending of Press Releases received from various departments of the Port. • System should have provision for obtaining the immigration clearance certificate from foreign tourist and capture details like country, passport number, and date of visit. <p>EBS.HR.AMD.22 Additional requirements:</p> <ul style="list-style-type: none"> • System should have provision to generate reminders in advance for organising the programmes on Dr. B.R. Ambedkar’s birthday (14th April) and memory day (6th December) every year. • System should take care the rules and regulations for the port on operational and personnel matters. • System should able to take care the resurvey – to reduce the deployment of CISF personnel’s. • System should have provision to capture the details of trainee, date and expenses incurred for the programme held on the request of offices of secretariat, TN for providing one day training at Port to Pro-deputy collectors.

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192	ANNEXURE – FRS - CORE - Asset Management (AM)	122	EBS.AM.9	System should manage Refund of Security Deposit	<p>Clause added:</p> <p>System should manage Refund of Security Deposit EBS.AM.AMD.1 System should have ability to compute market rate of rent (zone wise) based on different criteria as per extant land policy. EBS.AM.AMD.2 System should have ability to generate allotment letter, possession certificate, lease deed etc. EBS.AM.AMD.3 System should be configurable for allotment of land / structures through tender-cum-auction / nomination basis. EBS.AM.AMD.4 System should be able to interact with spatial & non spatial estate data to give drawings from non-spatial data inputs for processing allotment. EBS.AM.AMD.5 System should enable payment of lease rent, upfront fees, advance fees, penalties, compensation bills etc. EBS.AM.AMD.6 System should generate alerts regarding acceptance of offer of allotment / possession is given / taken in due time. EBS.AM.AMD.7 System should be configurable for revision of lease rent, correction in billing, correction in methodology of billing.</p>
193	ANNEXURE – FRS - CORE - Asset Management (AM)	122	EBS.AM.12	System should have provision to upload supporting documents required for seeking permission	<p>Clause modified:</p> <p>System should have provision to upload supporting documents (such as technical drawings/layout) required for seeking permission</p>
194	ANNEXURE – FRS - CORE - Asset Management (AM)	122	EBS.AM.19	System should have provision to capture details during monitoring activities of each permission/ licences issued	<p>Clause added:</p> <p>System should have provision to capture details during monitoring activities of each permission/ licences issued EBS.AM.AMD.8 System should have ability to generate allotment letter, possession Certificate etc. EBS.AM.AMD.9 Payment of way leave licence fees, permission fees, advance fees, security deposit, one time fees, refund of security deposit etc. EBS.AM.AMD.10 System should be configurable for revision of licence fees, correction in billing, and correction in methodology of billing</p>
195	ANNEXURE – FRS - CORE - Asset Management (AM)	124	EBS.AM.23	Details should be available in a 2D/3D graphical display	<p>Clause added:</p> <p>Details should be available in a 2D/3D graphical display EBS.AM.AMD.11 System should have ability to generate allotment letter, possession certificate etc. EBS.AM.AMD.12 Payment of way leave licence fees, permission fees, advance fees, security deposit, one time fees, refund of security deposit etc. EBS.AM.AMD.13 System should be configurable for revision of licence fees, correction in billing, and correction in methodology of billing EBS.AM.AMD.14 System should compute details of vacant quarters EBS.AM.AMD.15 System should report total quarters, quarters surrender, etc. EBS.AM.AMD.16 System should be configurable for processing change allotment EBS.AM.AMD.17 System should be able to generate eligibility of type of quarters for an employee based on prevailing rule. For this system should be capable to interact with HR module.</p>

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196	ANNEXURE – FRS - CORE - Asset Management (AM)	124	EBS.AM.25	System should have details of restructuring of asset and configurable to development structure/demolition structure/change in land area	Clause added: System should have details of restructuring of asset and configurable to development structure/demolition structure/change in land area EBS.AM.AMD.18 System should have ability to configure renewal, extension, termination, surrender of lease / licence / way leave licence / permission etc. EBS.AM.AMD.19 System should be able to configure stopping of bills in case of termination / surrender (partial / full)/ expiry in totality / pro-rata basis EBS.AM.AMD.20 System should be configured to capture valuation of properties on leased land
197	ANNEXURE – FRS - CORE - Asset Management (AM)	125	EBS.AM.43	Support asset master with the data in respect of CWIP references, Asset Classification (as per Income Tax Act requirements), Asset Class (User-definable), Asset Usage Status (In-use, Stand-by, etc.), Depreciation details, Expected Life of asset, Insurance details, AMC details, Ownership details (Owned/Leased), Lease details, if Leased asset etc.	Clause added: Support asset master with the data in respect of CWIP references, Asset Classification (as per Income Tax Act requirements), Asset Class (User-definable), Asset Usage Status (In-use, Stand-by, etc.), Depreciation details, Expected Life of asset, Insurance details, AMC details, Ownership details (Owned/Leased), Lease details, if Leased asset etc. EBS.AM.AMD.21 System should capture land ownership details classification by mouza, CS/RS/LR plots (partial / full), area, possession details, record of rights references, bid of convenience / mutation / settlements / rehabilitation details, lease deed and payment by port etc. EBS.AM.AMD.22 System should Capture land allocation details party- wise. EBS.AM.AMD.23 System should capture land rent master including historical rates (SoR rates).
198	ANNEXURE – FRS - CORE - Asset Management (AM)	126	EBS.AM.57	Ability of system to generate a comparison statement across different depreciation terms / schedules along with analysis of differences in the depreciation expense	Clause added: Ability of system to generate a comparison statement across different depreciation terms / schedules along with analysis of differences in the depreciation expense EBS.AM.AMD.24 The system should also reflect the fixation of land / structure rates through valuation and the Land Policy Guidelines
199	ANNEXURE – FRS - CORE - Asset Management (AM)	126	EBS.AM.63		Clause added: Ability to prepare a report on asset additions and deletions EBS.AM.AMD.25 System should generate total land asset details as per query based report formats. EBS.AM.AMD.26 System should be capable to generate query tenancy details EBS.AM.AMD.27 System should generate breach / tenancy control details. EBS.AM.AMD.28 System should generate alerts for managing compliance of contractual terms and conditions of allotment under user defined parameters. EBS.AM.AMD.29 System should generate extant policy details and compliance thereof. EBS.AM.AMD.30 Define Maintenance Organization wise Work Request approval workflows EBS.AM.AMD.31 Define Asset Numbering format that is unique across the Business Group EBS.AM.AMD.32 Define Asset Number Creation mode - Automatic & Manual. Facility to upload from an Excel sheet based on a template. EBS.AM.AMD.33 Associate the Asset Tag number with the Maintainable Asset. EBS.AM.AMD.34 Define default WIP Accounting Classes for each Maintenance Organization. EBS.AM.AMD.35 Define the Asset Owning Departments and departments responsible for the Maintenance Activities. EBS.AM.AMD.36 Define the attributes required to be associated for the Asset Number and associate the Attribute groups to the Asset Groups EBS.AM.AMD.37 Define the Fixed Asset Number relationship with the

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					<p>Maintainable Asset Number. Report required that shows which maintainable asset do not roll up to component in FA books.</p> <p>EBS.AM.AMD.38 One FA asset can be broken down to many EAM asset components and sub components.</p> <p>EBS.AM.AMD.39 EAM costs will be captured at maintainable asset levels and link each maintainable asset to a component in FA books. The system should provide report that rolls up costs to the appropriate component and FA in the FA books. This is to facilitate component level accounting. This is to get the cost of maintenance at component level</p> <p>EBS.AM.AMD.40 Define the Asset Number relationship with the Production Organization/ Production Equipment and Equipment Serial Number (Applicable to Maintainable Production Equipment)</p> <p>EBS.AM.AMD.41 Define the Asset Number relationship with the Property (Property Location Details - Code and Name) - Applicable to Maintainable Properties (that are already created in property manager module)</p> <p>EBS.AM.AMD.42 Associate the Meter Templates with Asset Group</p> <p>EBS.AM.AMD.43 Define and associate meters with Parent Child Relationship</p> <p>EBS.AM.AMD.44 Accept meter readings for a single asset and a group of assets (Mass Meter Readings) - Manually or from excel upload</p> <p>EBS.AM.AMD.45 Update the associated child meter readings automatically when a meter reading for a parent meter is entered.</p> <p>EBS.AM.AMD.46 Define Maintenance Routes. Define Set of operations associated with an activity/ the materials required/ resources required and assigned are defined through Bills of Materials. This could include permits to Work (PTW) as pre-requisite activity for certain operations. Ability to define various permits by operation. On completion of each of these pre-requisite operation, attach the appropriate certificate to the operation,</p> <p>EBS.AM.AMD.47 Associate WIP Accounting Classes for the Activities (applicable for both the activities defined independently or defined in the Maintenance Routes) for Activity Based Accounting.</p> <p>EBS.AM.AMD.48 Associate the defined outsourced Processing services / resources with operation as resource requirement at the time of work order definition</p> <p>EBS.AM.AMD.49 Define and associate any special attributes for an activity (Such as Quality Control Attributes/ WIP Accounting class for Activity Based Accounting).</p> <p>EBS.AM.AMD.50 Define Asset Number Automatically</p> <p>EBS.AM.AMD.51 Associate Asset Group with Asset Number</p> <p>EBS.AM.AMD.52 Associate Asset Category with Asset Number</p> <p>EBS.AM.AMD.53 Associate the Asset Number with the Area in which it is located.</p> <p>EBS.AM.AMD.54 Associate WIP Accounting Classes for the Activities (applicable for both the activities defined independently or defined in the Maintenance Routes) for Activity Based Accounting.</p> <p>EBS.AM.AMD.55 Generate a report on Activity Based Accounting in the desired output format (Excel/ PDF) to be reviewed by the Accounting Department. Ability to drill down drill down on "cost elements" should give further details like work orders, activity etc.</p> <p>EBS.AM.AMD.56 Define Dependent Operations and /or mark an operation in Maintenance routing as Dependent Operation to ensure parent child relationship for preventive word orders.</p> <p>EBS.AM.AMD.57 Define dependent operations to automatically release dependent work orders</p> <p>EBS.AM.AMD.58 Check in and Check out Maintainable asset</p> <p>EBS.AM.AMD.59 View the Failure Trends and Analysis in respect of the Maintainable asset</p> <p>EBS.AM.AMD.60 View the Resource usage of Production Equipment that is maintainable.</p> <p>EBS.AM.AMD.61 Generate Work Requests automatically (through APIs) (On Approval) for the works / work permits and any dependent operations to be</p>

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					<p>notified to all the concerned department heads.</p> <p>EBS.AM.AMD.62 Send a notification (Material Issue Request) whenever a Work Order is released.</p> <p>EBS.AM.AMD.63 Issue material to Work Order from stores based on either a work order or Material Request Number.</p> <p>EBS.AM.AMD.64 No direct PO created in the system unless the item is not known at the time of creating PR.</p> <p>EBS.AM.AMD.65 View / review all the approved and/or pending Purchase Requisitions and Purchase Orders related Maintenance Work Orders.</p> <p>EBS.AM.AMD.66 Create a BPA (Blanket Purchase Order) for each AMC Contract (with Maintenance Service Providers).</p> <p>EBS.AM.AMD.67 Define and associate sourcing rules for the AMC Contractors (Service Suppliers).</p> <p>EBS.AM.AMD.68 Apply or create accounting entries on the completion of GRN based on the WIP Accounting classes associated for each Activity/ Operation/ Direct/ and Indirect Items.</p> <p>EBS.AM.AMD.69 Disable creation of accounting entries for the Work Orders (at the time of Work Order Closing) for which GRN is already created and accounting entries are applied.</p> <p>EBS.AM.AMD.70 Recognize the GRN receipt as final action for posting accounting entries for the period in which the GRN is created and disable the accounting entries in the period in which Work Order is closed/ to avoid redundancy.</p> <p>EBS.AM.AMD.71 Re-activate the asset which is deactivated previously</p> <p>EBS.AM.AMD.72 "Cost Analysis based on Organization's Analysis Code - for both Opex and Capex to be made available for periodic review of maintenance costs</p> <p>(A) Estimated Maintenance Cost %</p> <p>(B) Actual Maintenance Cost %</p> <p>(C) Variance</p> <p>"</p> <p>EBS.AM.AMD.73 System should have ability to generate allotment application</p> <p>EBS.AM.AMD.74 Automatically notify user of need to prepare RFP if request value is above a certain threshold</p> <p>EBS.AM.AMD.75 Automate generation of RFP's</p> <p>EBS.AM.AMD.76 Maintain a list of suppliers with relevant information (name/ code/ service type etc.)</p> <p>EBS.AM.AMD.77 Provide historical record of RFP's issued to a supplier when a new RFP is issues to the same supplier</p> <p>EBS.AM.AMD.78 Create online requisition for emergency / miscellaneous purchases (treated as an exception workflow)</p> <p>EBS.AM.AMD.79 "Link PO to the following documents:</p> <p>1 - Advance payments""</p> <p>2 - Job Order / Work Order Number (if items procured are non-stocked items)</p> <p>3 - Receipts</p> <p>4 - Capture received quantity so far</p> <p>5 - Invoice</p> <p>6 - Capture invoice quantity so far</p> <p>7 - Returns if any</p> <p>8 - Capture returned quantity so far</p> <p>9 - RFP/Tenders</p> <p>10 – Requisition</p> <p>"</p> <p>EBS.AM.AMD.80 Enforce creation of a PO from a PR or an IR (internal requisition)</p> <p>EBS.AM.AMD.81 Ability to categorize POs as emergency purchases.</p> <p>EBS.AM.AMD.82 Allow for Change Orders based on business rules (e.g. Change Orders can be done before approval/ once approved Change Orders must be re-approved by relevant approval authority etc).</p>

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					<p>EBS.AM.AMD.83 Able to release a PO / Work Release against a Service contract/ BPA/ GPA/ CPA (Contract Purchase Agreement) i.e. Call - offs against an existing agreement withn prescribed limits</p> <p>EBS.AM.AMD.84 Ability to generate purchase orders from contract lines</p> <p>EBS.AM.AMD.85 PO Status Report (Urgent and Planned) by department/ initiator/ budget report/ approval authority/ item/ vendor /delivery date</p> <p>EBS.AM.AMD.86 PO/WO Cancellation (Urgent and Planned) by department/ initiator/ budget report/ approval authority/ item/ vendor.</p> <p>EBS.AM.AMD.87 Ability to capture saving per purchase for Procurement with necessary approvals</p> <p>EBS.AM.AMD.88 Report to track Open PO's for expediting / follow ups</p> <p>EBS.AM.AMD.89 Ability to generate report for Shared Services on percentage saving vs. cost of the procurement function.</p> <p>EBS.AM.AMD.90 System to generate a consolidated report on PO's (open or closed)/ PR's (open or closed)/ RFP's (open or closed) from different set of books</p> <p>EBS.AM.AMD.91 Ability to trigger Supplier evaluation (based on item category) during inspection</p> <p>EBS.AM.AMD.92 System should support creation of GRN in the system by User (Maker) and inspection of GRN to be performed by another User in the system (Checker)</p> <p>EBS.AM.AMD.93 System should support blind receipt (receipt without an actual PO).</p> <p>EBS.AM.AMD.94 System should prevent closing of the period for any blind receipts (receipts without a PO). System should allow closing of period only when all blind receipts are associated with a PO</p> <p>EBS.AM.AMD.95 System should ensure that GRN entries have maker-checker controls.</p> <p>EBS.AM.AMD.96 Ability for system to capture RTV (Return to Vendor) cost</p> <p>EBS.AM.AMD.97 Track the discount percentage / debit amount received from supplier/ when a defective or old part / item is returned in exchange to a new item from the OEM supplier (scenario occurs when adjustments are made when new item is procured from same OEM supplier)</p> <p>EBS.AM.AMD.98 Be able to maintain statistical reports with flexible graphical views/ charts etc</p>
200	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	127	EBS.PROC.1	<p>Ability of the system to prepare the material/work estimates with the inputs of the below points:</p> <ul style="list-style-type: none"> • Schedule of Rates • Budgetary Quotes • Rates from consultants • Last similar work with escalation • Analysed rates 	<p>Clause modified:</p> <p>Ability of the system to prepare the material/work estimates with the inputs of the below points:</p> <ul style="list-style-type: none"> • Schedule of Rates • Budgetary Quotes (reputed manufacturers) • Rates from consultants • Last similar work with escalation • Analysed rates • OEM's
201	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	127	EBS.PROC.5	<p>Ability to configure different types of tender (Global, open, limited, single, EOI, Nomination basis, Committee purchase/spot purchase, Direct purchase, spot bidding, proprietary item purchase, repeat order, risk purchase, etc)</p>	<p>Clause modified:</p> <p>Ability to configure different types of tender (Global, open, limited, single, EOI, Nomination basis, Committee purchase/spot purchase, Direct purchase(DGS&D), spot bidding, proprietary item purchase, repeat order, risk purchase, etc) (By return/bearer wait)</p>
202	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	127	EBS.PROC.6	<p>Ability to choose the mode of tendering - single bid, two bid etc.</p>	<p>Clause modified:</p> <p>Ability to choose the mode of tendering - single bid, two bid etc. Should have functionality for inclusion of consultancy contract with different mark system</p>

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203	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	127	EBS.PROC.7	Ability to approve tenders on-line with required DOP	Clause added: Ability to approve tenders on-line with required DOP EBS.PROC.AMD.1 Ability to process entire dredging contract management. EBS.PROC.AMD.2 Ability to configure the process related to Deposited works. Consultancy work, PMC, etc
204	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	127	EBS.PROC.9	Provision to set date for NIT/publishing tender	Clause added: Provision to set date for NIT/publishing tender In case of open tender Provision to select the option of tendering notice (News Paper, Online) EBS.PROC.AMD.3 Ability to monitor labour payments made by the contractor with respect to ESI, EPF, etc. – Compliance of Labour laws
205	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	127	EBS.PROC.10	Ability to provide tax invoice to vendors / buyers	Clause modified: Ability to provide tax invoice to vendors / buyers/Bidders
206	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	127	EBS.PROC.11	Ability to track EMD/Tender Document cost corresponding to particular tender and vendor.	Clause added: Ability to track EMD/Tender Document cost corresponding to particular tender and vendor. EBS.PROC.AMD.4 Ability to provide EMD NISC – “to be accepted / non accepted EBS.PROC.AMD.5 System to be integrated Procurement Module with CPP portal of NISC
207	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	127	EBS.PROC.13	Ability to manage/ track pre bid clarifications	Clause added: Ability to manage/ track pre bid clarifications EBS.PROC.AMD.6 Ability to manage release of corrigendum/amendments
208	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	127	EBS.PROC.18	Ability to make Comparative Statement (CS) which includes: Basic Price, Packing and forwarding Charges, Duties & Tax, Freights cost, Insurance, Documents charges etc for each of the vendor quote	Clause added: Ability to make Comparative Statement (CS) which includes: Basic Price, Packing and forwarding Charges, Duties & Tax, Freights cost, Insurance, Documents charges etc for each of the vendor quote (technical and Commercial Comparative statement) EBS.PROC.AMD.7 Ability to provide option to take clarifications from Bidder as per the requirement of the tender EBS.PROC.AMD.8 Ability to record remarks in comparative statement (technical and Commercial Comparative statement)
209	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	127	EBS.PROC.20	Ability to record remarks and forward for approval	Clause modified: Ability to record remarks in Comparative Statement (CS) and forward for approval
210	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	127	EBS.PROC.22	Ability to evaluate the offers with comments placed on the respective offers' evaluation / approval flow (comments from indenter, vendors etc.).	Clause added: Ability to evaluate the offers with comments placed on the respective offers' evaluation / approval flow (comments from indenter, vendors etc.). EBS.PROC.AMD.9 System should provide access certain functions of modules to bidders / contractors as per the requirement of various department

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211	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	127	EBS.PROC.23	Ability to extend the tender opening date based on approval	Clause added: Ability to extend the tender opening date based on approval EBS.PROC.AMD.10 Ability to link tender procedure / Departmental Manual / Office Orders / Memorandums / Circulars, etc
212	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	128	EBS.PROC.33	Ability to link various general terms and conditions, other formats and templates to a tender (e.g. import documents, EMD, security Deposit, indemnity bond, BG	Clause modified: Ability to link various general terms and conditions, other formats and templates to a tender (e.g. import documents, EMD, security Deposit, indemnity bond, BG, integrity pact, conditions on taxation and duties, etc)
213	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	128	EBS.PROC.44	Return of Earnest Money Deposit [EMD] to unsuccessful bidders by port (if decided, through the available Payment Gateways);	Return of Earnest Money Deposit [EMD] to unsuccessful bidders by port (if decided, through the available Payment Gateways); EBS.PROC.AMD.11 Ability to capture adjustment of EMD to successful bidders towards security deposit.
214	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	128	EBS.PROC.49	Creation of balance between easy and difficult delivery destinations or policy as defined by port and Provision for single purchase order containing multiple items from multiple tenders of port	Clause modified: Creation of balance between easy and difficult delivery destinations or policy as defined by port and Provision for single purchase order containing multiple items from multiple tenders of port
215	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	129	EBS.PROC.55	Integration and services – ability to integrate and interoperate with business applications, especially ERP and Microsoft Word, etc and to provide support services	Clause modified: Integration and services – ability to integrate and interoperate with business applications, especially ERP and Microsoft Word, Adobe reader, Auto CADD, STAADPRO software's, etc and to provide support services
216	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	129	EBS.PROC.61	The system shall have ability to capture the following details in the contract: •Contract validity dates •Location of delivery •Agreed upon rates including breakup of taxes, Deliverables, payment terms, other terms and conditions	Clause modified: The system shall have ability to capture the following details in the contract: •Contract validity dates •Location of delivery •Agreed upon rates including breakup of taxes, Deliverables, payment terms, other terms and conditions •Integration with tender process will be done.
217	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	129	EBS.PROC.66	The system shall have ability to populate the Contract details from the information maintained in purchase requisition, vendor master	Clause modified: The system shall have ability to populate /fetch the Contract details from the information maintained in purchase requisition, vendor master
218	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	129	EBS.PROC.74	The system shall have ability to generate the cost estimates of the contract based on the cost details maintained for the individual items and activities as mentioned in the PR	Clause modified: The system shall have ability to generate the cost estimates of the contract based on the cost details maintained for the individual items/work services and activities as mentioned in the PR/BoQ

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219	ANNEXURE – FRS - CORE - Procurement of goods, works and services (PROC)	130	EBS.PROC.84	The system should have the provision to integrate with Control dashboards	Clause added: The system should have the provision to integrate with Control dashboards EBS.PROC.AMD.12 System shall have the ability to terminate the contract/blacklisting & forfeiture of Security deposit/EMD. EBS.PROC.AMD.13 System shall have the ability of levy the penalty/LD. EBS.PROC.AMD.14 The system shall have the ability of extending the guarantee period in case of delay in contract execution. EBS.PROC.AMD.15 System should have ability to create Reports Attendance Holiday / rest Day posting / overtime / availing off captured from Biometric data EBS.PROC.AMD.16 Ability to handle and monitor work Allocation, Daily meetings, etc EBS.PROC.AMD.17 System should be configured to reflect and give alerts for monitoring and enforcement of estate related contracts on user define criteria like breach, tenancy control by inspections, utilization, MGT stipulation etc.and subsequent processes through which mitigation measures are taken.
220	ANNEXURE – FRS - CORE - Projects	130	EBS.PR.4	Ability of system to categorize projects. For example Tankers, Passenger Vessel, Platform Supply Vessel, High Bollard Pull Tugs, Bulk Carrier, Offshore, Short/Medium/Long term (CSR), Donation/ Project (CSR) etc.	Clause modified: Ability of system to categorize projects. For example Tankers, Passenger Vessel, Platform Supply Vessel, High Bollard Pull Tugs, Bulk Carrier, Offshore, Short/Medium/Long term (CSR), Civil / contractors, Donation/ Project (CSR) etc.
221	ANNEXURE – FRS - CORE- Projects	131	EBS.PR.25	Ability to set the threshold so as to generate the e-mail notification to the concerned person.	Clause added: Ability to set the threshold so as to generate the e-mail notification to the concerned person. EBS.PR.AMD.1 Ability to create, record and maintain Measurement Books for all contractors and same to be shared to Finance department EBS.PR.AMD.2 System should be configured for capturing PPP / non-PPP projects methodology
222	ANNEXURE – FRS - CORE- Projects	132	EBS.PR.56	Ability to get the budget allocation for different expense head through system based on the cost estimation.	Clause added: Ability to get the budget allocation for different expense head through system based on the cost estimation. EBS.PR.AMD.3 System should have provision to revise the budget and code.
223	ANNEXURE – FRS - CORE- Projects	132	EBS.PR.58	Ability to capture all estimated expenses incurred during the project Initiation stage.	Clause added: Ability to capture all estimated expenses incurred during the project Initiation stage. EBS.PR.AMD.4 Ability to attach scanned copies of any applications and related documents to the project
224	ANNEXURE – FRS - CORE- Projects	133	EBS.PR.84	Ability to define the contract management framework which outline the policies for outsourcing, material planning etc.	Clause modified: Ability to define the contract management framework which outline the policies for outsourcing, self-execution/ departmentally, material planning etc.
225	ANNEXURE – FRS - CORE- Projects	134	EBS.PR.101	Ability to create the histograms for resource usage.	Clause modified: Ability to create the histograms/bar chart for resource usage.

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226	ANNEXURE – FRS - CORE-Projects	134	EBS.PR.112	Ability to post expenses to an activity.	Clause added: Ability to post expenses to an activity. EBS.PR.AMD.5 Ability to create and maintain hindrance register for delay in project.
227	ANNEXURE – FRS - CORE-Projects	134	EBS.PR.113	Ability to create, change/ revise the budget based	Clause modified: Ability to create, change/ revise the budget based on DoP
228	ANNEXURE – FRS - CORE-Projects	136	EBS.PR.158	Ability to generate periodical status reports/slippages against each major activity of the shipbuilding process such as preparation, block fabrication, block outfitting and painting, hull erection, onboard outfitting etc.	Clause added: Ability to generate periodical status reports/slippages against each major activity of the shipbuilding process such as preparation, block fabrication, block outfitting and painting, hull erection, onboard outfitting etc. EBS.PR.AMD.6 Ability to generate periodical status reports/slippage against each major activity of civil related contracts. EBS.PR.AMD.7 Ability to provide Lease Area Rent Reports.
229	ANNEXURE – FRS - CORE-Projects	137	EBS.PR.186	Ability to prepare the project closure report including the complete project information such as outputs from financial closure; Outputs of administrative closure process; Outputs of contractual/ Executing agency (CSR) closure process; Completion cost of the project; Deviation logs; Risk logs; Special conditions encountered and counter measures taken; Lessons that are necessary to be included in knowledge repository.	Clause modified Ability to prepare the project closure report including the complete project information such as outputs from financial closure; “as built” construction drawing, Outputs of administrative closure process; Outputs of contractual/ Executing agency (CSR) closure process; Completion cost of the project; Deviation logs; Risk logs; Special conditions encountered and counter measures taken; Lessons that are necessary to be included in knowledge repository. EBS.PR.AMD.8 Ability to create Project Completion Certificate and Fund Utilization Certificate on completion of milestones EBS.PR.AMD.9 System to provide for maintenance period (defects liability period)
230	ANNEXURE – FRS - CORE-Projects	138	EBS.PR.202	Ability to calculate deviations in scope and time and levy penalties / Liquidated damages and deduct the same from final payment to contractor	Clause modified Ability to calculate deviations in scope and time and levy penalties / Liquidated damages and deduct the same from running account / final payment to contractor

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231	ANNEXURE – FRS - CORE-Projects	138	EBS.PR.212	Ability to route quotations/invoice submitted by contractors through the pre-specified workflow for necessary approval and further action.	<p>Clause added:</p> <p>Ability to route quotations/invoice submitted by contractors through the pre-specified workflow for necessary approval and further action. EBS.PR.AMD.10 The system should have provision for creating the following documents:</p> <ul style="list-style-type: none"> • Attendance, Holiday / Rest day posting / Overtime / availing off – Captured from Biometric data. Work allocation, daily meetings, etc. • Maintaining various Registers – (day by day) • Works Diary – by Department / contractor – Create / check. • Site orders Book • Hindrance Registers • Measurement Book • Bills / Vouchers • Bills Register • Inventory Register • Pour cards • Port Entry Pass – Ordinary & Special • Dispute Review – At Port level - I - At Board (DRB) – II - Arbitration – III - Court cases – IV • Correspondences – Internal & External • Mandatory Test Register – Field outside lab • Services from Port – Power, water, crane, etc. • Resources from Port – land, water front • Inspection Register • Bore Log • Profile – Quantity calculation with respect to CD • Barbending Schedule approval • RMC / Batching plant Trip sheets • Weighment of stones • Advances: Material Advance Register Mobilisation Advance Register Hypothecation Utilisation Certificate (Govt. funds) • Survey Records
232	ANNEXURE – FRS - CORE-Stores and Inventory	140	EBS.STR.13	Ability to restrict / warn user adding new Items whose details are already available in the Item master (Automatic Duplication Check)	<p>Clause added:</p> <p>Ability to restrict / warn user adding new Items whose details are already available in the Item master (Automatic Duplication Check) EBS.STR.AMD.1 Provisions to generate reports on various aspects of items dealt by store such as last procurement rate, date, name of supplier, nos. of time procured during the intended period of search etc.</p>
233	ANNEXURE – FRS - CORE-Stores and Inventory	141	EBS.STR.21	Ability to classify inventory as stock items, non-stock items, fixed assets and apply appropriate codification structures to identify each	<p>Clause modified:</p> <p>Ability to classify inventory as stock items, non-stock items, insurance spares, non-moving, fixed assets and apply appropriate codification structures to identify each</p>
234	ANNEXURE – FRS - CORE-Stores and Inventory	141	EBS.STR.25	Ability to perform inventory verification by group wise, location wise, item wise etc.	<p>Clause modified:</p> <p>Ability to perform inventory verification by group wise, location wise, item wise, price wise etc.</p>

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235	ANNEXURE – FRS - CORE- Stores and Inventory	141	EBS.STR.35	Ability to create indent with Indenting Department, Section, Budget Code, Ship/Project Number, Material code (if present), description, unit code, and quantity, required by date, probable supplier, Mode of procurement (Propriety, Nominated, Quoted and Non-Quoted) any additional annexure attachment features (final approved)	Clause added: Ability to create indent with Indenting Department, Section, Budget Code, Ship/Project Number, Material code (if present), description, unit code, and quantity, required by date, probable supplier, Mode of procurement (Propriety, Nominated, Quoted and Non-Quoted) any additional annexure attachment features (final approved) EBS.STR.AMD.2 Split into indent (Annexure with administrative approvals as per DoP)/ purchase requisition
236	ANNEXURE – FRS - CORE- Stores and Inventory	141	EBS.STR.36	Provision of checking item (stock) availability by indenter before creation of Indent	Clause modified: Provision of checking item (stock) availability (in Main store/sub store) by indenter before creation of Indent
237	ANNEXURE – FRS - CORE- Stores and Inventory	142	EBS.STR.53	Ability to define multiple hierarchical approval based on user parameters such as departments / type of materials / Value etc.	Clause modified: Ability to define multiple hierarchical approval based on user parameters such as departments / type of materials / Value etc. is based on Delegation of Power. as per the requirement
238	ANNEXURE – FRS - CORE- Stores and Inventory	143	EBS.STR.73	Ability to provide taxes and duties for individual items in the Purchase order	Clause modified: Ability to provide taxes and duties for individual items in the Purchase order (Excise Duty, VAT, CST, etc.)
239	ANNEXURE – FRS - CORE- Stores and Inventory	143	EBS.STR.87	Ability to query on PO history by vendor, item code, PO number, Project, indent no., Delivery date etc.	Clause added: Ability to query on PO history by vendor, item code, PO number, Project, indent no., Delivery date etc. EBS.STR.AMD.3 Ability to query on PO history by single or multiple vendors, item code, PO Number, Project, Indent no, Delivery date etc.
240	ANNEXURE – FRS - CORE- Stores and Inventory	144	EBS.STR.106	Provision of version control in case of amendments to original Purchase Order & view purchase order history with revision/version details.	Clause added: Provision of version control in case of amendments to original Purchase Order & view purchase order history with revision/version details. EBS.STR.AMD.4 Provision of version control in case of cancellation/Quantity with Drawl from Purchase order Cancel /quantity with drawl in purchase order & View purchase order history with revision/version details. EBS.STR.AMD.5 Ability to maintain details of all version of purchase orders in case of amendments for reference EBS.STR.AMD.6 Ability to indicate by indenters in the requisition/indent, such as last year annual consumption quantity, average annual requirement of the items intended for. EBS.STR.AMD.7 Provision to raise indent/ requisition group wise instead of mixing items of various groups in an indent. EBS.STR.AMD.8 Ability to reduce quantity of items while placing the PO if required as decided during the process of finalizing the tender.(though this does not come under Materials requisition) EBS.STR.AMD.9 Ability to place order without issuing tender as has been mentioned is not understood.
241	ANNEXURE – FRS - CORE- Stores and Inventory	145	EBS.STR.126	Ability to direct goods for laboratory inspection / site testing (if required) as per the PO/ contract terms	Clause added: Ability to direct goods for laboratory inspection / site testing (if required) as per the PO/ contract terms EBS.STR.AMD.10 Ability to record the details of various testings at various department / section wise.

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242	ANNEXURE – FRS - CORE- Stores and Inventory	145	EBS.STR.129	Ability to inform or provide an alert to the purchase officer or buyer once MRN is created against a GRN.	Clause added: Ability to inform or provide an alert to the purchase officer or buyer once MRN is created against a GRN. EBS.STR.AMD.11 Ability to Generate GRN once supply accepted EBS.STR.AMD.12 Ability to send the GRN to concerned stocking Depot/ward once stock items accepted EBS.STR.AMD.13 Ability to monitor Location Transfer out and Location Transfer in of stocks
243	ANNEXURE – FRS - CORE- Stores and Inventory	147	EBS.STR.167	Ability to raise bills for payment, deduction in value of payment a/c LD Clause, Service tax on LD, Difference of amount due to invoking of Risk purchase made, Amount to be deducted as suggested by PRC Committee or other defined committees etc.	Clause added: Ability to raise bills for payment, deduction in value of payment a/c LD Clause, Service tax on LD, Difference of amount due to invoking of Risk purchase made, Amount to be deducted as suggested by PRC Committee or other defined committees etc. EBS.STR.AMD.14 Ability to process payment against bill received from firms. EBS.STR.AMD.15 Ability to generate Write Back challans against items returned back to store from various IO through forwarding notes indicating defects observed after issued from store. EBS.STR.AMD.16 Ability to raise bills for payment, deduction in value of payment a/c LD Clause, Service tax on LD, Difference of amount due to invoking of Risk purchase made, Amount to be deducted as suggested by PRC Committee etc.
244	ANNEXURE – FRS - CORE- Stores and Inventory	147	EBS.STR.178	Able to maintain monthly KPI reports such as 1. Number of issues and receipts during the period 2. Number of items returned to Warehouse Department due to incorrect material requisition 3. Number of items returned to the Warehouse Department due to wrong material delivered from Warehouse Department 4. Total Inventory turnover	Clause added: Able to maintain monthly KPI reports such as 1. Number of issues and receipts during the period 2. Number of items returned to Warehouse Department due to incorrect material requisition 3. Number of items returned to the Warehouse Department due to wrong material delivered from Warehouse Department 4. Total Inventory turnover 5. Total Inventory 6. Non-Moving Items 7. Number of items in main store and sub store 8. Lead time achievement
245	ANNEXURE – FRS - CORE- Stores and Inventory	148	EBS.STR.200	Ability to analyse the original value of inventory and the value realized out of scrap sale and report the difference	Clause added: Ability to analyse the original value of inventory and the value realized out of scrap sale and report the difference EBS.STR.AMD.17 Provision to create & display auction catalogue which covers scrap items, plant items, equipment, unserved vehicle, etc. EBS.STR.AMD.18 Ability to provide facility for incorporation special condition in e-auction catalogue with respect to hazardous disposal (used oil, Batteries & e-waste)
246	ANNEXURE – FRS - CORE- Stores and Inventory	148	EBS.STR.203	Ability to suggest reserve price to the committee based on predefined inputs	Clause modified: Ability to suggest reserve price to the Survey/Auction committee based on predefined inputs

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247	ANNEXURE – FRS - CORE- Stores and Inventory	148	EBS.STR.207	Ability to make refund for short delivery, extension of time for taking delivery, ability to deduct late delivery charges etc.	Clause added: Ability to make refund for short delivery, extension of time for taking delivery, ability to deduct late delivery charges etc. EBS.STR.AMD.19 Ability to provide collection of ground rent charges, wharfage charges, overtime charges, etc. EBS.STR.AMD.20 Ability to provide to collection of charges towards excess delivery EBS.STR.AMD.21 Ability to maintain details in auction catalogue of Pre-Bid EMD, CSD and all applicable taxes, Income tax, etc.
248	ANNEXURE – FRS - CORE- Stores and Inventory	148	EBS.STR.215	System should maintain the catalogue with lot of number of individual lot and uploaded to website, the auction date and response of all the bidders will be saved in system. The highest bidder response along with sale details will be marinated in the system.	Clause added: System should maintain the catalogue with lot of number of individual lot and uploaded to website, the auction date and response of all the bidders will be saved in system. The highest bidder response along with sale details will be marinated in the system. EBS.STR.AMD.22 Ability to calculate Service charges to e-Auctioneer EBS.STR.AMD.23 Ability to calculate Valuation charges to e-Auctioneer EBS.STR.AMD.24 Ability to issue Delivery order to the buyers. EBS.STR.AMD.25 Ability to issue Tax invoice to buyers EBS.STR.AMD.26 Ability to make refund for short delivery, extension of time for taking delivery, ability to deduct late delivery charges etc.
249	ANNEXURE – FRS - CORE- Estate Administration	149	EBS.EST.16	System should have provision to capture details of periodical inspection reports, breach report	Clause modified: System should have provision to capture details of periodical inspection reports, breach report , vacation reports, survey reports & status reports
250	ANNEXURE – FRS - CORE- Estate Administration	150	EBS.EST.25	System should have the provision for the allotment of custom bound area	Clause added: System should have the provision for the allotment of custom bound area EBS.EST.AMD.1 System should have the provision for allotment of Quarters to outsiders based on requirement (For Example: CISF, Deputed Court, Central Excise employees, etc) EBS.EST.AMD.2 System should enable adjustment of payments against respective tenancies under separate heads (principle and interest parts separately) as per prevailing norms. EBS.EST.AMD.3 System should generate alerts in case of non payment of rental / fees within due dates for payment EBS.EST.AMD.4 System should provide for correction in bills sent to tenants. EBS.EST.AMD.5 System should enable generation of revised bills of a tenancy in case of change in methodology of billing EBS.EST.AMD.6 System should be able to accept rental payments of tenants in revolving account EBS.EST.AMD.7 System should provide for ascertaining on a particular date the rental dues of a tenancy, principal and interest separately. EBS.EST.AMD.8 System should have the provision for allotment of Quarters to outsiders based on requirement (For Example: CISF, Deputed Court, Central Excise employees, etc)
251	ANNEXURE – FRS - CORE- Utilities & Maintenance	151	EBS.UTLM.16	Ability to record measurement based on quantitative and qualitative factors for consumables (either manual entry or interfacing with measuring device)	Clause modified: Ability to record measurement based on quantitative and qualitative factors for consumables and other materials (either manual entry or interfacing with measuring device)

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252	ANNEXURE – FRS - CORE-Utilities & Maintenance	151	EBS.UTLM.17	Ability to capture information of average usage of consumables (Gas, electricity) on timely basis (daily, weekly, yearly) (either manual entry or interfacing with measuring device)	Clause modified: Ability to capture information of average usage of consumables (Gas, electricity, diesel,water etc) on timely basis (daily, weekly, yearly) (either manual entry or interfacing with measuring device)
253	ANNEXURE – FRS - CORE-Utilities & Maintenance	151	EBS.UTLM.18	Ability to record measurements based on mileage, fuel consumption etc for movable equipmentcaptive power plants, etc.	Clause modified: Ability to record measurements based on mileage, fuel consumption etc for movable equipment(cargo handling equipment), captive power plants, etc.
254	ANNEXURE – FRS - CORE-Utilities & Maintenance	151	EBS.UTLM.20	Ability to record consumption patterns of consumable (acetylene, oxygen, LPG, CO2, argon etc.) for replenishment	Clause added: Ability to record consumption patterns of consumable (acetylene, oxygen, LPG, CO2, argon, diesel,water,electricity etc.) for replenishment EBS.UTLM.AMD.1 System should have the ability to view dates of testing of compressors / EOT/ MOT cranes under statutory requirements
255	ANNEXURE – FRS - CORE-Utilities & Maintenance	153	EBS.UTLM.68	Ability of the system to generate reports for breakdown trends and analysis	Clause added: Ability of the system to generate reports for breakdown trends and analysis EBS.UTLM.AMD.2 Ability to record and facilitate advances – • Material advance Register • Mobilisation Advance Register • Hypothecation • Utilization certificate (Govt Funds)
256	ANNEXURE – FRS - CORE - Electronic Office Work (EOW)	154	EBS.EOW.1	EBS.EOW.AMD.1 System should provide facility to users to append documents notes if the document can not be linked / is an external document / to be extracted from records like Board Reso., Court order etc.	Clause modified: The system shall replicate the Present file handling in the same manner as followed i.e. Electronic files shall give the same look and feel of Physical file EBS.EOW.AMD.1 System should provide facility to users to append documents notes if the document can not be linked / is an external document / to be extracted from records like Board Reso., Court order etc.
257	ANNEXURE – FRS - CORE - Hospital Management (HM)	160	EBS.HM.2	System should maintain records of new employee and enlist them for medical benefits • Name • Age • Sex • Address • Mobile / contact number • Government issued ID proof	Clause modified: System should maintain records of new employee and enlist them for medical benefits • Name • Age • Sex • Address • Mobile / contact number • Government issued ID proof • Identification Marks of employee • Date of Birth, Relationship, FMI Number, Aadhar Number, Emergency Contact Details, Marital status, Educational Qualification, Employment status, Personal history / Option: Past History, Drug Allergy, Mcostrscition History / Hereditary disease / Family History, Immunization details for child patients
258	ANNEXURE – FRS - CORE - Hospital Management (HM)	160	EBS.HM.7	System should allow reading patient info from card	Clause modified: System should allow reading patient info from card(Also based on Aadhar)

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259	ANNEXURE – FRS - CORE - Hospital Management (HM)	160	EBS.HM.8	The system should allow the Registration desk operator to enter following demographic details of the Patient, but not limited to: <ul style="list-style-type: none"> • Name • Age • Sex • Address • Mobile / contact number • Government issued ID proof 	Clause modified: The system should allow the Registration desk operator to enter following demographic details of the Patient, but not limited to: <ul style="list-style-type: none"> • Name • Age • Sex • Address • Mobile / contact number • Government issued ID proof • Date of Birth, Relationship, FMI Number, Aadhar Number, Emergency Contact Details, Marital status, Educational Qualification, Employment status, Personal history / Option: Past History, Drug Allergy, Mcostscition History / Hereditary disease / Family History, Immunization details for child patients
260	ANNEXURE – FRS - CORE - Hospital Management (HM)	161	EBS.HM.21	The system should scan the barcode and link the demographic as well as preliminary treatment details to the Patient ID. Rest of the search and registration features along with registration process should remain as described above.	Clause added: The system should scan the barcode and link the demographic as well as preliminary treatment details to the Patient ID. Rest of the search and registration features along with registration process should remain as described above. EBS.HM.AMD.1 Treatment facilities for Non Entitled Cases (NEC) on payment basis.
261	ANNEXURE – FRS - CORE - Hospital Management (HM)	161	EBS.HM.26	The system should allow the OPD doctor to select the relevant section on the screen for entering diagnosis and various doctor orders, treatment, investigation, minor procedures, drugs, referrals, etc. whichever applicable.	Clause added: The system should allow the OPD doctor to select the relevant section on the screen for entering diagnosis and various doctor orders, treatment, investigation, minor procedures, drugs, referrals, etc. whichever applicable. EBS.HM.AMD.2 System should provide drill down option for doctors for entering diagnosis and various doctor orders, treatment, investigation, minor procedures, drugs, referrals, etc. whichever applicable. EBS.HM.AMD.3 System should integrate with medicine stock register, such that when doctor prescribes any out stock medicine should give the alert to doctor. EBS.HM.AMD.4 Next visit details, BP, Pulse, Height, Weight, Temperature, CVS, RS, CNS, Abdoman, ENR Nose, Throat, Genentinal, Lympha, diapha etc. To show previous details
262	ANNEXURE – FRS - CORE - Hospital Management (HM)	162	EBS.HM.36	In case of admissions, the system should automatically forward the request to Admission counter dashboard, with the registration details, and any other relevant information captured in the system	Clause modified: In case of admissions, the system should automatically forward the request to Admission counter dashboard, with the registration details, and any other relevant information captured in the system including Prescription and Investigations
263	ANNEXURE – FRS - CORE - Hospital Management (HM)	162	EBS.HM.39	The system should have provision for entering Injury details of a patient and sending the same to the Police authority in offline	Clause added: The system should have provision for entering Injury details of a patient and sending the same to the Police authority in offline method with facilities for Print out. System should also on be able to capture images, write pad etc for easy and quick processing Manage PMR EBS.HM.AMD.5 Appointment for scheduled date and time according to doctors advise EBS.HM.AMD.6 Perform Physiotherapy (UST/SWD/IFT/TENS. Etc)

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264	ANNEXURE – FRS - CORE - Hospital Management (HM)	162	EBS.HM.40	System should be configurable to reports and payments of Pathology Lab- Biochemistry/Radiology Lab - Ultrasonography/Cardiology Lab	Clause added: System should be configurable to reports and payments of Pathology Lab- Biochemistry/Radiology Lab - Ultrasonography/Cardiology Lab Interface with existing equipment Manage wards EBS.HM.AMD.7 To provide management to the patients. EBS.HM.AMD.8 Maintenance of hygiene, cleanliness, Bio waste disposal, Sterilization, Laundry & inventory functions is mentioned in separate processes
265	ANNEXURE – FRS - CORE - Hospital Management (HM)	163	EBS.HM.52	The system should allow for re-scheduling/cancellation of the prescribed surgery, after recording the reasons for re-scheduling.	Clause modified: The system should allow for re-scheduling/cancellation of the prescribed surgery, after recording the reasons for re-scheduling. Anaesthetic Fitness Certificate to be included
266	ANNEXURE – FRS - CORE - Hospital Management (HM)	163	EBS.HM.57	The system should allow the assessment by the concerned anaesthetist to be entered in the system, both before scheduling of the surgery, after admission of the Patient and just before surgery.	Clause modified: The system should allow the assessment by the concerned anaesthetist to be entered in the system, both before scheduling of the surgery, after admission of the Patient and just before surgery. EBS.HM.AMD.9 System should capture concerned anaesthetist to be entered in the system of after surgery also post-operative instructions.
267	ANNEXURE – FRS - CORE - Hospital Management (HM)	163	EBS.HM.59	In case of Emergency surgery, the system should allow prioritizing of the Surgery schedule (date and time) and inform all concerned.	Clause added: In case of Emergency surgery, the system should allow prioritizing of the Surgery schedule (date and time) and inform all concerned. EBS.HM.AMD.10 System should able to permit user to enter details of Surgeon/Anaesthetist/consultant from outside organization as and when required EBS.HM.AMD.11 System should provide/collect details of payment done to the Surgeon/anaesthetist/consultant from outside organization based on the requirement by organization
268	ANNEXURE – FRS - CORE - Hospital Management (HM)	164	EBS.HM.71	The system should have the option to maintain the Surgeon and Anaesthetist Notes, as entered in the system by data entry operator.	Clause added: The system should have the option to maintain the Surgeon and Anaesthetist Notes, as entered in the system by data entry operator. EBS.HM.AMD.12 System should have the option to print the Surgeon and Anaesthetist Notes, as entered in the system by data entry operator
269	ANNEXURE – FRS - CORE - Hospital Management (HM)	164	EBS.HM.75	The system should be able to send the indent for medical and non-medical materials required at the	Clause modified: The system should be able to send the indent for medical and non-medical materials required at the OT, OPD, Wards, etc.
270	ANNEXURE – FRS - CORE - Hospital Management (HM)	164	EBS.HM.76	The surgery parameters are proposed to be captured in the system through single click options in the system. Following are the 6 parameters that should be captured: • Wheel In Time • Anaesthesia start time • Surgery start time • Tourniquet time • Surgery end time • Anaesthesia end time • Wheel Out Time	Clause modified: The surgery parameters are proposed to be captured in the system through single click options in the system. Following are the 6 parameters that should be captured: • Wheel In Time • Anaesthesia start time • Surgery start time • Tourniquet time • Surgery end time • Anaesthesia end time • Wheel Out Time

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271	ANNEXURE – FRS - CORE - Hospital Management (HM)	166	EBS.HM.104	The system should be able to check the availability of items / drugs / articles / tools etc. at all sub-stores and main store. Following are the designated sub-stores, but not limited to: <ul style="list-style-type: none"> • OPD Pharmacy • Emergency Department • Injection Room • OT • Labour Room • Immunization Centre • Wards/ Department • Sub store • CSSD • Linen • Equipments and maintenance store 	Clause modified: "The system should be able to check the availability of items / drugs / articles / tools etc. at all sub-stores and main store. Following are the designated sub-stores, but not limited to: <ul style="list-style-type: none"> • OPD Pharmacy • Emergency Department/Casualty • Injection Room • OT • Labour Room • Immunization Centre • Wards/ Department • Sub store • CSSD • Dialysis • Lab • Linen • Equipments and maintenance store
272	ANNEXURE – FRS - CORE - Hospital Management (HM)	169	EBS.HM.147	System should have ability to capture weekly (shift-wise) operations staff & officer	Clause modified: System should have ability to capture weekly roster (shift-wise) operations staff & officer
273	ANNEXURE – FRS - CORE - Hospital Management (HM)	169	EBS.HM.148	System should have ability to capture rain/ drizzling time	Clause modified: System should have ability to capture rain/ drizzling time Grace time while on unavoidable circumstances
274	ANNEXURE – FRS - CORE - Hospital Management (HM)	170	EBS.HM.158	The operator should be able to send message through SMS gateway to the caller and calls the caller to inform about the driver contact and ambulance details, estimated arrival time, etc.	Clause added: The operator should be able to send message through SMS gateway to the caller and calls the caller to inform about the driver contact and ambulance details, estimated arrival time, etc. EBS.HM.AMD.13 The system should provide/generate various reports as per the requirement of hospital management. Indicative minimum list of information in Hospital Module a. Patient registration status b. Patient referral status c. Details of empanelled medical institutions/ Consultant d. Details of non-empanelled medical institutions/ Consultant e. Patient admission status f. Patient Investigation report status g. Information regarding availability of doctor at OPD h. Patient admission status i. Patient Investigation report status o. Information regarding availability of doctor at OPD EBS.HM.AMD.14 The system should provide/generate various reports as per the requirement of hospital management.
275	ANNEXURE – FRS - CORE - Legal (LEG)	171	EBS.LEG.1	System should have provision to maintain a record of Empanelled Advocates along with their fees	Clause modified: System should have provision to maintain a record of Empanelled Advocates along with their fees /cases entrusted to them
276	ANNEXURE – FRS - CORE - Legal (LEG)	171	EBS.LEG.3	System should have provision to registration of new cases, allocating advocate and port officer to the case along with intimation to the Department for furnishing remarks	Clause modified: System should have provision to registration of new cases with brief facts/prayer, allocating advocate and port officer to the case along with intimation to the Department for furnishing remarks

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277	ANNEXURE – FRS - CORE - Legal (LEG)	171	EBS.LEG.4	System should have provision to capture case-wise/ records/ court orders & status of litigation	Clause modified: System should have provision to capture case-wise/year wise litigation records/ court orders & status of litigation
278	ANNEXURE – FRS - CORE - Legal (LEG)	171	EBS.LEG.9	System should have provision	Clause modified: System should have provision to capture interim orders of the case as well as the final orders / judgment of the case
279	ANNEXURE – FRS - CORE - Legal (LEG)	171	EBS.LEG.17	System should have provision to have a repository/regsiter for various act/ Port and provision with search option	Clause modified: System should have provision to have a repository/regsiter for various act/ Port Regulations/Central Service Rules and provision with search option
280	ANNEXURE – FRS - CORE - Legal (LEG)	172	EBS.LEG.36	System should have provision to capture details of Hearings and final outcome – Whether dispute is disposed off / Settlement	Clause modified: System should have provision to capture details of Hearings and final outcome – Whether dispute is disposed off / Settlement / Failure of conciliation (FOC)
281	ANNEXURE – FRS - CORE - Legal (LEG)	172	EBS.LEG.37	NA	Clause added: System should have provision to capture details of Ministry's letter seeking comments on the Industrial dispute (ID) in case of FOC
282	ANNEXURE – FRS - CORE - Legal (LEG)	172	EBS.LEG.49	System should have provision to capture details of out of Court Settlement, if any	Clause added: System should have provision to capture details of out of Court Settlement, if any EBS.LBG.AMD.1 System should provide for generating PP Act case details. EBS.LBG.AMD.2 System should capture details of all kinds of legal fees paid by the port EBS.LBG.AMD.3 System should give alerts regarding compliance of court orders. EBS.LBG.AMD.4 System should have provision to capture filing of Execution Petition and action taken EBS.LBG.AMD.5 System should have provision to capture the details of EP cases filed by Banks/Financial Institutions against the employee, where Port is made as a Garnishee. EBS.LBG.AMD.6 System should have provision to capture details of declaratory suits /Rival claims filed by the Employees wife/legal heir. EBS.LBG.AMD.7 System should have provision to capture the details of amount recovered by the Port in the court cases and amount paid EBS.LBG.AMD.8 System should have provision to capture details of the closing files The system should provision for capturing entire check off process and the grievance lodged by the Unions, Comments will be obtained from the Departments and should be able to draft the reply to the concerned unions.
283	ANNEXURE – FRS - CORE - Canteen Management (CANT)	173	EBS.CANT.15	System should have provision to accept cash amounts only in case of external customer's order	Clause modified: System should have provision to accept cash/ digital payment amounts only in case of external customer's order
284	ANNEXURE – FRS - CORE - Canteen Management (CANT)	173	EBS.CANT.16	The System should have provision to capture details of Purchase and consumption of other canteen items including LPG cylinder, etc.	Clause modified: The System should have provision to capture details of Purchase and consumption of other canteen items including LPG cylinder, Oil, vegetables, groceries etc.

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285	ANNEXURE – FRS - CORE - Canteen Management (CANT)	173	EBS.CANT.17	System should have provision to generate various MIS reports	Clause modified: System should have provision to generate various MIS reports as required by port.
286	Vol 1	49	Clause 6.2	Payment terms for a port	Clause modified: Refer to Annexure I
287	Vol 3	350	Clause 10.1	Application under SLA Parameters during Phase III: Operations and Maintenance Period table of Phase III	Clause modified: Refer to Annexure II
288	Vol 2	173	Clause 2.5	Operational Landscape	Clause modified: Refer to Annexure III
289	Vol 1	67	Clause 8.4	PQ Form 4 - Proforma for EMD	Clause modified: Refer to Annexure IV
290	Vol 1	70	Clause 8.6	PQ Form 6 - Format for Consortium Agreement	Clause modified: Refer to Annexure V
291	Vol 1	75	Clause 8.9	Tech Form 1 - Technical Bid - Covering Letter	Clause modified: Refer to Annexure VI
292	Vol 1	99	Clause 9.2	Sample Form 2 - Performance Bank Guarantee	Clause modified: Refer to Annexure VII
293	Vol 1	101	Clause 10.1	Covering letter for Commercial bid	Clause modified: Refer to Annexure VIII
294	ANNEXURE-Existing System Details	–	–	ANNEXURE-Existing System Details	Clause added: Refer to Annexure IX and Annexure XI
295	ANNEXURE-BOM	–	–	ANNEXURE-BOM	Clause modified: Revised Indicative Bill of Materials, Refer to Annexure X
296	ANNEXURE_TRS_Infrastructure_Core Switc	–	Point no 1.6	Shall have Min 800 Million pps performance for both IPv4 and IPv6	Clause modified: Shall have Min 800 Million pps performance for both IPv4 and IPv6 (Minimum packet size 64 byte)
297	ANNEXURE_TRS_Infrastructure_Wireless Controller	–	Point no 4.1	The wireless controller shall be from the same switch OEM for Unified wired and wireless management	Clause deleted

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Serial No	RFP Volume	Page#	Clause#	Older Clause	Revised Clause
298	Vol 3	319	Clause 27	SCHEDULE I – DEFINITIONS	<p>Clause added:</p> <p>1. “System” means all of the components under the scope of this contract together as an integrated solution</p> <p>2. “Goods” means all of the equipment, sub-systems, hardware, software, products accessories and/or other material / items which the Bidder is required to supply, install and maintain under the contract.</p> <p>3. “Data” means all information required for the system operations Or generated out of operations and transactions including but not restricted to user data which the Implementation Agency obtains, possesses or processes in the context of providing the Services to the users pursuant to this Agreement</p> <p>4. “Bespoke Software” means is custom or tailor-made software developed for the Purchaser</p> <p>5. “Deliverables” means the products, infrastructure and services agreed to be delivered by the Implementation Agency in pursuance of the agreement as defined more elaborately in the RFP, Implementation and the Maintenance phases and includes all documents related to the user manual, technical manual, design, process and operating manuals, service mechanisms, policies and guidelines (such as security related, data migration related), inter alia payment and/or process related etc., source code and all its modifications;</p> <p>6. “Software” means the software designed, developed / customized, tested and deployed by the Implementation Agency for the purposes of the Project and includes the source code (in case of Bespoke development) along with associated documentation, which is the work product of the development efforts involved in the Project and the improvements and enhancements effected during the term of the Project, but does not include the third party software products (including the COTS products used for the product), proprietary software components and tools deployed by the Implementation Agency</p> <p>7. “Service” means the services delivered to the Stakeholders of Purchaser or its nominated agencies, employees of Purchaser or its nominated agencies, and to professionals, using the tangible and intangible assets created, procured, installed, managed and operated by the Implementation Agency including the tools of information and communications technology.</p>
299	ANNEXURE_TRS_Infrastructure_Access Switch 48 Port		Point no 2.3	Shall have up to 40 Gbps total stacking bandwidth (full duplex) in a resilient stacking configuration. The have to provide as per solution required	<p>Clause modified:</p> <p>Switch should support stacking so as to operate as one unit</p>
300	ANNEXURE_TRS_Infrastructure_Access Switch 24 Port		Point no 2.2	Shall have up to 40 Gbps total stacking bandwidth (full duplex) in a resilient stacking configuration. The have to provide as per solution required	<p>Clause modified:</p> <p>Switch should support stacking so as to operate as one unit</p>
301	ANNEXURE_TRS_Infrastructure_Access Switch 24 Port PoE		Point no 2.2	Shall have up to 40 Gbps total stacking bandwidth (full duplex) in a resilient stacking configuration. The have to provide as per solution required	<p>Clause modified:</p> <p>Switch should support stacking so as to operate as one unit</p>
302	ANNEXURE_TRS_Infrastructure_Component_UTP cable		Point no 5	Shall provide the above performance up to 4 connections, for a distance of 100 meters. ETL(Intertek) report for 4 connections tested up to 600 MHz shall be submitted.	<p>Clause modified:</p> <p>4 pair, should confirm or exceed the EIA/TIA 568 B.2-1 (CAT 6) standard for physical & electrical specifications, UL listed & Verified, Should be certified by independent test lab (ETL etc) for Zero bit Error Rate Gigabit Ethernet Performance,23 AWG solid bare copper</p>

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303	ANNEXURE_TRS_Infrastructure_ Component_UTP cable		Point no 10	Shall be certified by independent labs like ETL(Intertek) for compliance to ANSI/TIA-568C.2 for Cat 6 Channel and ISO/IEC 11801 for class E Channel(Report required).	Clause modified: 4 pair, should confirm or exceed the EIA/TIA 568 B.2-1 (CAT 6) standard for physical & electrical specifications, UL listed & Verified, Should be certified by independent test lab (ETL etc) for Zero bit Error Rate Gigabit Ethernet Performance,23 AWG solid bare copper
304	Annexure_TRS_Infrastructure_ Distribution Switch		Point no 1.6	Shall have up to 274 Mpps of switching throughput	Clause modified: Shall have up to 274 Mpps of switching throughput (Minimum packet size 64 byte)
305	Vol 2	172	Clause 2.4.2	Cloud Security considerations	Clause added: Cloud Security Services : It is expected by IPA that the bidder who qualify to provide clouds services will also comply with the mandatory information security requirements applicable for cloud deployment models of “MeitY’s “Provisional Empanelment of Cloud Service Offerings of Cloud Service providers (CSPs)”. IPA has also provided functional requirements for clouds security services in terms of Cloud DC & Server Security, Cloud Network Security, Cloud Application and Platform Security, Web Application Firewall, Firewall, IPS, HIPS, Anti APT, DLP, DAM, UTM, PIM, SIEM, BCM, Anti-Virus and DDos.
306	Vol 2	172	Clause 2.4.2	Cloud Security considerations	Clause added: Port-specific Security Infrastructure UTM and Antivirus are also required to be supplied, configured, installed and commissioned by the bidder for respective port locations. At present IPA expects that antivirus capacity should be provisioned as per existing user count at the port Refer to Annexure_TRS_Security_Port (Annexure XIII) for detailed specifications.
307	ANNEXURE_TRS_Security	-	-	ANNEXURE_TRS_Security	Clause modified: Revised Annexure_TRS_Security. Refer to Annexure XII Revised Annexure_TRS_Security_Port. Refer to Annexure XIII
308	Vol 2	182	3.2 - Z	NA	Clause added: Bidder is expected to make necessary assumptions as per solution being proposed in order to meet requirements of the project and make necessary upward revision in BoM if needed
309	Vol 1	30	Clause 4.5-Pre-qualification criteria for Port Operations Solution (POS) Provider Point 1	The bidder should have an average annual turnover of at least INR 50 Crores or USD 7.5 Million in last 3 financial years (FY 2013-14, 2014-15 and 2015-16).	Clause modified: Bidder shall have an average annual turnover of at least 15 Cr or USD 2.25 Million in last 3 financial years (FY 2013-14, 2014-15 and 2015-16).
310	Vol 1	18	Clause 3.3.3_Point 3	EMD of technically disqualified bidders would be refunded by IPA after completion of technical evaluation.	Clause modified: EMD of technically disqualified bidders would be refunded by IPA after completion of technical evaluation within 30 days.

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Serial No	RFP Volume	Page#	Clause#	Older Clause	Revised Clause
311	Annexure_BOM	-	Annexure_BOM	Current Port entry system is Bio-Metrics and Aadhar based	Clause modified: Port entry systems are available in all participating ports at administrative building. Bidder is expected to carry out assessment of the existing system at ports
312	Vol 2	151	2.2.4 Integration layer design, development, test and implementation	The API management solution proposed by the MSP should meet the requirements established in the technical specifications	Clause deleted
313	Vol 1	46	4.8.3 Negotiations with the successful bidder	Negotiations with the successful bidder	Clause deleted
314	Vol 1	27	Clause 4.5-Pre-qualification criteria for MSP Point 6	<ul style="list-style-type: none"> • The Bidder must have experience of successful Go-Live / completed project during the last TEN years (as on the last date of bid submission) in one project having large IT system integration projects and related IT services implementation of project value of INR 160 crores and above Or • The Bidder must have experience of successful Go-Live / completed project during the last TEN years (as on the last date of bid submission) in two projects having large IT system integration projects and related IT services implementation of project value of INR 120 crores and above Or • The Bidder must have experience of successful Go-Live / completed project during the last TEN years (as on the last date of bid submission) in three projects having large IT system integration projects and related IT services implementation of project value of INR 100 crores and above <p>The IT system integration projects shall necessarily include Application development/customization/ configuration, IT infrastructure procurement, deployment and maintenance including DC and DR environment management.</p> <p>For the project cited, the IT infrastructure should have been deployed and the project should be successfully operational (after project Go-Live).</p>	Clause modified: <ul style="list-style-type: none"> • The Bidder must have experience of successful Go-Live / completed project during the last TEN years (as on the last date of bid submission) in one project having large IT system integration projects and related IT services implementation of project value of INR 120 crores and above Or • The Bidder must have experience of successful Go-Live / completed project during the last TEN years (as on the last date of bid submission) in two projects having large IT system integration projects and related IT services implementation of project value of INR 90 crores and above Or • The Bidder must have experience of successful Go-Live / completed project during the last TEN years (as on the last date of bid submission) in three projects having large IT system integration projects and related IT services implementation of project value of INR 75 crores and above <p>The IT system integration projects shall necessarily include Application development, customization, configuration and maintenance.</p> <p>For the project cited, the project should be successfully operational (after project Go-Live).</p>

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Serial No	RFP Volume	Page#	Clause#	Older Clause	Revised Clause
315	Vol 3	296	Clause 13 FINANCIAL MATTERS after Tax	NA	<p>Clause added:</p> <p>EXCHANGE RATE VARIATION (ERV)</p> <p>a) Prices of the Goods quoted herein are highly dependent upon imports and foreign exchange rates vis-à-vis INR. Therefore the prices quoted shall be increased or decreased depending upon the prevailing exchange rate on the Designated Date, as elaborated no below:</p> <p>b) The price in respect of Goods listed in this proposal (“Items”) should be based on Foreign Exchange rate of US\$ 1 = INR _____ (the “Base Rate”) which should be mentioned in the commercial proposal.</p> <p>c) The price quoted shall be increased or decreased if the ERV is (+/-)10% (by the amount which is in excess or less of 10% of Base Rate).</p> <p>d) The exchange rate variation (ERV) percentage shall be calculated as a percentage increase / decrease signified by the difference in the Current Rate and the Base Rate over the Base Rate, calculated as follows:</p> $\frac{\text{Current Rate} - \text{Base Rate}}{\text{Base Rate}} \times 100$ <p>e) NOTE FOR CLARIFICATION: ERV shall not be applicable for the first year from date of award of contract. As such clause shall only be applicable from 2nd year on half-yearly basis.</p> <p>f) “Designated Date” shall mean the last working date from the applicability of this clause. In case Designated Date falls on a holiday, then the immediately succeeding day shall be treated as the Designated Date.</p> <p>g) “Current Rate” shall mean USD Selling Rate as on the closing hours of the Designated Date (or the immediately succeeding business day in case Forex markets in India are closed on the Designated Date).</p>

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316	Vol 2	194	Clause 4.2.14 Operations and Maintenance	NA	<p>Clause added:</p> <p>2. Annual verification of exit management readiness</p> <p>Post submission of Exit Management Plan, the MSP is also required to review and update the plan annually and following (or as part of) any minor/major change to the services/support. The Exit management plan/practises followed by the MSP is to be reviewed/verified annually by IPA or its representative agency, with the objective of ensuring preparedness of IPA and MSP at all the time for any planned and unplanned exits. As part of such annual review the MSP is expected to perform at least the following;</p> <ul style="list-style-type: none"> - Submit a detailed report annually which focuses on the continuous process of achieving and practising the exit management plan established by the MSP. - Constitute a committee jointly with the IPA or its representative and MSP members, will who will annually review and check all documentation being transitioned to IPA/ Port authorities / process owners are up-to-date, accurate and relevant and as per the agreed upon exit management plan. - MSP to prepare and submit at least but not limited to updated asset register, configuration item manuals, SOP's, work product/deliverables, updated operational framework and reports, SLA reports, license details, supplier contracts, change request documents, existing known error database, issue tracker/open problem list, resolution process, architecture layouts, printed/ written/ modified documents, minute of the meetings, client complaint register etc. on a continuous basis with the client or its representative which will be reviewed during the annual exit readiness assessment. - MSP to conduct capacity building training, awareness and knowledge transfer to IPA officials/representatives, responsible resources and domain experts in continuous and timely manner, on but not limited to the project operational procedures, processes, technologies used, source coding, risk management procedures, etc.
317	Vol 2	194	Clause 4.2.14 Operations and Maintenance	NA	<p>Clause added:</p> <p>3. MSP shall provision for upto 3 resources as part of central BI-Support team for development of NEW reports required after GO-LIVE of the project. The team will handle requests related to changes in existing and development of new reports as required for one or more ports. Any report which is developed for one port needs to be made available to other ports simultaneously. Costs associated wrt to this support team need to be part of the commercial bid and will not form part of change requests unless otherwise agreed with any port.</p>
318	Vol 1	32	Clause 4.6	Schedule I – Evaluation criteria for Port-EBS solution and Technical Evaluation Criteria - Port Enterprise Business System (Port-EBS)	<p>Clause modified:</p> <p>Changes in Technical Evaluation Criteria. Refer to Annexure XIV</p>
319	Vol 1	107	Clause 10.2	Clause 10.2.1, 10.2.2, 10.2.3, 10.2.8	<p>Clause modified:</p> <p>Revision in Cost Formats. Refer to Annexure XV</p>
321	Vol 2	127	Clause 1.2 Current system landscape_PCS	PCS is undergoing an overhaul with a newer version of PCS2.0. It is expected that the system being developed under this project shall	<p>Clause modified:</p> <p>PCS is undergoing an overhaul with a newer version of PCS2.0. It is expected that the PORT EBS being developed shall integrate with PCS in a seamless manner. MSP is required to integrate with PCS version 1.0 which is currently live and also ensure integration with the subsequent version (PCS version 2.0) at no additional cost.</p>
322	Vol 2	175	Clause 2.6 IT Continuity Landscape	Table providing the IT continuity plan	<p>Clause modified:</p> <p>Revision in table under 2.6 IT Continuity Landscape. Refer to Annexure XVI</p>

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Serial No	RFP Volume	Page#	Clause#	Older Clause	Revised Clause																
323	Vol 2	144	Clause 2.2.1.5_ Application Landscape	NA	Clause added : Refer to Annexure XVII																
324	Vol 1	46	Clause 4.8.4 (ii) Performance Bank Guarantee	ii. An amount equivalent of 10 % of total contract value shall be payable by the bidder. All charges whatsoever such as commission, etc. with respect to the Performance Bank guarantee shall be borne by the bidder	Clause modified: ii. An amount equivalent of 10 % of total contract value shall be payable by the bidder for the total duration of the contract. All charges whatsoever such as commission, etc. with respect to the Performance Bank guarantee shall be borne by the bidder. Two years after Go-live at all ports, this bank guarantee shall be returned subject to work carried out to the satisfaction of the ports. However, a new performance bank guarantee with an amount equivalent to 5% of the total contract value for the remaining duration of the contract shall be payable by bidder before return of the original bank guarantee.																
325	Volume 3	310	21) Warranty	d) The warranty period shall commence from the date of Final Acceptance of the System (or of any major component or subsystem for which phased Go-Live is provided for in the Agreement) or on expiry of the products commercial warranty, whichever is earlier and shall extend for as follows <table border="1"> <thead> <tr> <th>Component</th> <th>Period</th> </tr> </thead> <tbody> <tr> <td>Hardware</td> <td>Till the end of Agreement</td> </tr> <tr> <td>COTS Software</td> <td>6 Months post completion of the agreement</td> </tr> <tr> <td>Bespoke Software</td> <td>6 months post completion of the agreement</td> </tr> </tbody> </table>	Component	Period	Hardware	Till the end of Agreement	COTS Software	6 Months post completion of the agreement	Bespoke Software	6 months post completion of the agreement	Clause modified: d) The warranty period shall commence from the date of Final Acceptance of the entire system (end of Phase II as per Volume 2 of this RFP) or on expiry of the products commercial warranty, whichever is earlier and shall extend for as follows: <table border="1"> <thead> <tr> <th>Component</th> <th>Period</th> </tr> </thead> <tbody> <tr> <td>Hardware</td> <td>Till the end of Agreement</td> </tr> <tr> <td>COTS Software</td> <td>1 year post completion of the agreement</td> </tr> <tr> <td>Bespoke Software</td> <td>1 year post completion of the agreement</td> </tr> </tbody> </table>	Component	Period	Hardware	Till the end of Agreement	COTS Software	1 year post completion of the agreement	Bespoke Software	1 year post completion of the agreement
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COTS Software	1 year post completion of the agreement																				
Bespoke Software	1 year post completion of the agreement																				
326	Volume 3	311	23 Escrow Agreement	a) MSP shall comply with the escrow provisions below for all Bespoke Development & customized codes as defined within the RFP (including subcontractor-owned materials and other Third Party Material incorporated in MSP’s Proprietary Material), except to the extent MSP demonstrates to the satisfaction of the IPA that compliance is not permitted by the nature of MSP’s limited rights in such material.	Clause added: a) MSP shall comply with the escrow provisions below for all Bespoke Development & customized codes as defined within the RFP (including subcontractor-owned materials and other Third Party Material incorporated in MSP’s Proprietary Material) , except to the extent MSP demonstrates to the satisfaction of the IPA that compliance is not permitted by the nature of MSP’s limited rights in such material.																
327	Vol 2	248	Clause 4.13 Track 11: Operations and Maintenance for 5 years post Go-Live	NA	Clause added: 24. SI will carry out necessary knowledge transfer and impart training to port designated officials for managing the operations of the system till one year after go-live. Depending on their readiness, ports may take over few or entire operations in consultation with the MSP and apportion subsequent support cost accordingly.																
328	Vol 2	228	4.9 Track 7: Training and capacity building	NA	Clause added: aa. As the number of employees are expected to retire over the period of contract, port may reduce the number of training sessions required depending on the number of officials to be trained. MSP is expected to provide a unit cost for training session. Payment to MSP shall be made on-actual basis for the training sessions carried out at each port.																
329	Vol 2	235	Clause 4.13 - 1 (g)	g. MSP to upgrade the system if any latest version of software is available either nationally or internationally within 45 days of launch in India or 12 months from launch internationally or as agreed with IPA	Clause modified: a. MSP to upgrade the system if any latest version of software is available either nationally or internationally within 45 days of launch in India or 12 months from launch internationally or as agreed with IPA at no extra cost to IPA																
330	Vol 2	195	Clause 4.3.1: 4.3.1- Common Data Centre (DC) and Disaster Recovery Centre (DRC) Setup	Na	Clause added: zz. MSP shall be expected to help set-up a data dump site for other Major ports which are not part of this tender. MSP is expected to provide one- time cost of creating data dump site per port. This cost shall include cost of all																

Corrigendum to Request for Proposal (RFP) for “Selection of Managed Service Provider for Implementation of Enterprise Business System in Five Major Indian Ports”

Serial No	RFP Volume	Page#	Clause#	Older Clause	Revised Clause
					services related for the same excluding bandwidth and dependencies on existing system infrastructure within that port. Per port cost provided shall be binding on the MSP. Details of the same shall be worked with the interested ports subsequently.