

Clarifications to Pre-Bid Queries

Pre-bid Meeting held on 28.06.23 at 1530 hrs In the chamber of CME at Gandhidham, for Tender No. MS/WK/4030/VIII-EPC
Tender for: 'Engineering, Procurement and Construction for Development of Mechanized Fertilizer and Other Clean Cargo Handling Facility at Berth

Sr.N .	SPECIFIC REFERENCE	DESCRIPTION IN SPECIFICATION	CLARIFICATION TO BE REQUIRED	REPLY BY DPA
1	NIT & Sec-III, Qualifying Criteria, Sr. No. 3 Definition of Similar Works	Definition of Similar works: Successfully completed similar works in India or abroad should be either of the following :- Successfully completed Project with scope of Engineering, procurement and construction (EPC) of mechanized handling of any type of Dry Bulk Cargo that includes, ship unloading system, conveyor system, storage shed area (in case of cargo which are not normally bagged), bagging - stitching and rake / truck loading facility (in case of cargo that can be bagged) OR stacking & reclaiming system (in case of cargo that are normally not bagged). Value of Training, Operation & Maintenance contract shall be excluded from Project Value if any.	Normally there are very few projects which come up with Ship unloading system as a package in the overall project. Bidder request to consider definition of similar work as "Successfully completed Project with EPC contract of Bulk Material Handling system including Stacker Cum Reclaimer system, Conveyors Travelling Tripper, Mobile Hoper Truck Reciving Stationand Long Stacking and Reclaiming Sheds ."	Please refer Corrigendum Notice No. 01.
2	Clause No.: 2.1.6.6, Pg. 21 Tender Tender No. MS/WK/4030/VIII-EPC	Rail Slots as provision for fixing of Rails have been provided for 14 mtr span.....design of Equipment (Mobile Hoppers) shall be done accordingly.	We have considered Hopper Design as per Capacity requirement and Rail Span Will May Increase and decrease as per system requirmeent for Mobile hoppers & mobile harbour crane. Kindly confirm.	Rail slots have been provided during construction of the berth which cannot be altered now. Bidder to follow the bid requirement for rail span. Detail design from the vendor shall be subject to client review during detail engg.
3	Clause No.: 2.2.4, Pg. 29 & clause no. 4.1.1 Pg. 88 Tender document Volume-II, MS/WK/4030/VIII-EPC	....vendor shall consider the best possible arrangement for evacuation of cargo from Mobile hopper to Dumper on Wharf area and continuation of Vessel unloading operation in case of failure of Reversible Belt feeder	Please note that in case of failure of Reversible Belt Feeder, evacuation of cargo from that mobile hopper to dumper is not possible. In such time only the 2nd mobile hopper will be able to evacuate cargo. Kindly confirm.	Bidder shall design the system in such a way that it shall be possible to position the ship unloader/ MHCs to load the material onto the Dumper in case of failure of belt feeder.
4	Clause No.: 2.2.8, Pg. 39, Tender document Volume-II, No. MS/WK/4030/VIII-EPC NIT drg. no. M-006 Rev.0 Storage shed Plan & Elevation, MS/WK/4030/VIII-EPC NIT drg. no. M-007 Rev.0 Storage shed cross section, MS/WK/4030/VIII-EPC	The overall stacking width of about 35 m at the base level and a height of 12m minimum could be achieved in the storage Godown. Stock pile width of 35m at base with 12 m height Stock pile width of 35m shown in plan view of godown	Please confirm width and height of stock pile.	Based on the given storage dimensions, stockpile width and heigh is specified in the tender. However, bidder to recalculate the optimum stockpile dimensions during detail engineering considering equipment installation and movement and maintenance space as required which shall subject to Employer review.
5	Clause No.: 3.12.6, Sheet - 79 of 386 , Volume-II, Tender document, MS/WK/4030/VIII-EPC	A suitable fire fighting system shall be equipped in the crane. The design in such a way that the operator can have safe access to exist in case of fire broke out.	Kindly clarify the type of fire fighting system required. We shall be considering only Fire Extinguishers for the same, kindly check & confirm.	Bidders understanding is correct.

6	Clause No.: 12.1.5, Sheet - 423 of 529, Volume-II, Tender document, MS/WK/4030/VIII-EPC	Note : Vendor shall offer makes from List of Approved Makes. Any make other than list needs prior approval from client.	We shall be furnishing the other suggested makes of system components during detail engineering for make approval. Kindly confirm.	Additional Vendors over and above the tender requirement shall be subject to their satisfactory proven track record review by Employer during detail engineering.
7	Clause No.: 3.5.5, Sheet - 73 of 529, Volume-II, Tender document, MS/WK/4030/VIII-EPC	The electrical room shall be fitted with suitable size of split type air conditioner to control the temperature inside the e- room as per requirement of IEC code.	Kindly furnish the IEC code.	Bidder to size and select suitably rated split AC for e Room based on heat load for equipments inside as per relevant IEC. Bidder to acquire the relevant IEC and submit during detail engineering.
8	Page No 15, Clause no 2.2.23 of Vol II	Modification/ Extension/ Installation of existing 11kV breaker panel at 66KV Switch Yard substation...	(i) Kindly inform whether the existing 11kV Switchboard at 66kV Switchyard substation is having 11kV feeders to feed the proposed new system, or we need to consider in scope addition of new feeders to the existing line-up of 11kV Switchboard. (ii) Kindly furnish to us OEM's detailed drawing of the existing 11kV switchboard from which power shall be tapped for the proposed system. (iii) Kindly furnish GA/ Equipment layout drawing of the existing 66kV Switchyard & substation from where 11kV power is to be tapped.	(i) & (ii) The Employer shall provide nearest power sourcing point from the existing 66 kV sub-station and the subsequent electrification works from this sourcing point to the proposed berth sub-station shall be in scope of the contractor. Refer clause 2.1.1, 2.1.4 & 2.1.6.2 of Vol-II of tender volumes, wherein bidder may obtain all such information during site visit before submission of offer.
9	Page No 15, Clause no 2.1.4 of Vol II	Vendor shall lay two (2) circuits of HT Power cable from existing 11 KV feeders placed at 66KV switch yard....		(iii) 66 Kv Electrical SLD is attached at Annexure-I.
10	Page No 15, Clause no 2.1.4 of Vol II	Vendor shall consider two separate Routes from 66KV switch yard to proposed substation at Berth-14	Kindly elaborate the requirement meant by: "separate routes". We understand both set of Incoming cables shall be accommodated inside the same existing cable trench/ route. Kindly confirm.	Tender condition holds good. Please refer clarification to pre-bid query at Sr. No. 08.
11	Page No 146, Clause no 8.1.4 of Vol II	Circuit breaker protection & tripping control system: 110VDC, 2 wire, grounded	There is conflict between these two clauses regarding DC voltage used for Control & Protection circuit of Circuit breaker. We are considering 110VDC for the purpose. Kindly confirm.	For breaker control, 110 V DC supply shall be considered which is clearly indicated in Tender.
12	Page No 146, Clause no 8.2.1.2 of Vol II	For breaker control, 48 V DC supply shall be considered...		
13	Page No 168, Clause no 8.2.3.3 of Vol II	... 1KV LT Panels: Kindly refer Tender SLD...	Tender SLD for 1KV LT panels is not furnished along with NIT. Kindly furnish.	Please refer Drawing No. M-010 Electrical HT Single Line Diagram. 66kV Electrical SLD is attached at Annexure-I.
14	Page No 216, Clause no 8.2.12 of Vol II	415V APFC: "APFC of suitable rating as indicated in the attached Single Line Diagram. Ratings shown in the SLDs are indicative....."	This SLD is not available with the NIT	Please refer Drawing No. M-010 Electrical HT Single Line Diagram. 66kV Electrical SLD is attached at Annexure-I.
15	Page no 159, Clause No 8.1.5 , of Vol II, MS/WK/4030/VIII-EPC	Battery limit for Automation starts from existing PLC/SCADA terminal (hook up).	We assume that the existing PLC/SCADA terminal will be at existing 11kv substation as mentioned in clause no. 2.1.4 in NIT vol-II (page -15) and it is approx 6 km from the proposed Control room for this project. Hence we have considered 6km FO cable (single mode) and necessary media converter at both end. Please confirm.	No real time data transfer system is available. New System shall be provided by Bidder as per Tender condition and provision for hook up / real time data transfer shall be considered for future development.
16	Page no 146, Clause No 8.1.5 , of Vol II	This will include modification (hardware and software) in existing Automation system, if any.	We have excluded this modification work at existing PLC end.	Tender condition holds good.

17	Page no 131, Clause No 7.4.1.3 , of Vol II	Microprocessor-controlled weighing module in stainless steel housing with front panel, dust and water tight (IP65), installed in a control cabinet.	The specification of control equipment for bagging and stitching machine shall be as per OEM specification. For the Bagging & stitching machine units, the micro-processor based controller will be standalone and no interface/communication with proposed plant PLC will be considered. Please confirm.	Tender condition holds good.
18	Page no 247, Clause No 9.6.2 , of Vol II	Associated Control Devices/Sub-Systems	Neem oil coating system related instruments, equipments, control valves etc will be controlled from dedicated control system as per package OEM recommendation and practice. Necessary signal for information exchange between Neem control system and plant PLC shall be considered if applicable as per OEM recommendation.	Yes, Necessary signal for information exchange between Neem control system and plant PLC shall be considered if applicable as per OEM recommendation.
19	TENDER DOCUMENT (Vol-II), Clause No. Page-36 2.2.10.1.1 (d)	Available Geotech Data (BH data) shall be shared by DPT to the Contractor if available.	Presently no geotechnical report shared or made available to bidder.	As per Cl. No. 11.5.13.6 of Vol-II, the contractor has to carry out & submit the Soil Investigation Report to the Authority.
20	TENDER DOCUMENT (Vol-II), Clause No. 10.6.2 (c)	The soil parameters will be considered as per soil investigation report. The ground water table shall be considered as per soil investigation report.	Kindly share Geotech Data (BH data) or soil investigation report and site survey details of proposed site.	
21	TENDER DOCUMENT (Vol-II), Clause No. 10.9.7.1.5 & 10.5.2.5, page-261	Wind Load coefficients K1, K2, K3 & K4 as per Clause No. 10.5.2.5. Wind Load coefficients K1, K2 & K3 as per Clause No. 10.9.7.1.5.	We are proceeding for wind load calculation as per latest code IS 875 (Part III) 2015. Please confirm.	Wind load calculation along with cyclone effect shall be taken as per IS 875 latest edition.
22	TENDER DOCUMENT (Vol-II), Clause No. 2.2.22	Terminal fencing shall be Precast Wall fencing with posts & barbed wire as per drawing, specifications and as directed by engineer in charge.	Kindly share the drawing with statement of clear height requirement.	The Terminal fencing shall be of barbed wire only with total height of approx. 4930 mm.
23	TENDER DOCUMENT (Vol-II), Clause No. 2.1.6.3	Storm Water Drain network inside Terminal shall be constructed and connected with outfall	Please confirm the location of outfall?	Outfall towards Jetty shall be designed by Bidder.
24	TENDER DOCUMENT (Vol-II), Clause No. 2.1.6.3	Sewage and Effluent shall be collected at single point Also, provision of connecting the collected point with existing available sewage line of DPT shall be provided.	Please provide the location of existing sewage line of DPT?	No existing Sewage line as of now. Provision shall be provided for future connectivity.
25	TENDER DOCUMENT (Vol-II), Clause No. 2.2.18	Settling pond: Settling basin shall have RCC sloped side and key wall, bottom PCC with 4mm dia weld mesh (approx 100mm x 100mm sq. opening), inlet and outlet arrangement, ramp for vehicular entry to pond for de silting.	Kindly let us know whether any pressure relief valves (PRV) is required to handle pressure due to existing ground water table?	It shall be design by bidder and submitted to employer with design calculations and drawings.
26	TENDER DOCUMENT (Vol-II), Clause No. 2.2.20	Rain water harvesting scheme shall be provided as required to meet statutory compliance as per regulations.	Kindly elaborate the system for rain water harvesting?	Shall be as per IS codes and Central ground water board guidelines.

27	NIT drg. no. M-002 Rev.0 Terminal GA Layout for Berth-14	Tender drawings	Client to furnish ACAD drawing of plot plan with co-ordinate of different Junction Houses and area grading with FGL; road layout; rail layout and all other tender drawings (conv. Profiles) for enabling us to carry on design & engineering activities.	Data shall be made available to the successful bidder.
	NIT drg. nos. M-001 to M-010 Rev.0 Profile of conveyors, GA of Berth 14, Storage shed plan, elevation & cross-section etc.			
28	Section-VI, GCC, Clause no 16.5 and page no 107	GST	Any variation in the GST % for the goods and services during execution of the contract shall be reimbursed actuals.	It shall be as per applicable laws as mentioned in the clause itself. Also please refer Cl. No. 14.1 of Sec-VII SCC, Vol-I.
29	Section-VI, GCC, Clause no 24.2 and page no 112	All the material to be imported shall be shipped in Indian ships only; if this involves undue delay then foreign ships may be used with prior consent of the Employer	Shipping of material shall be done by the import supplier and hence we request you to allow both Indian and Foreign ships for shipping material based on the supplier requirement.	The successful bidder has to apply its wisdom & resources to envisage the delay from both ships and intimate the client the selected ships with justification.
30	Section-VII, SCC, GCC 15.1 and page no 134	<p>: 45% of Accepted Contract Amount of respective items of BOQ.</p> <p>iv. On completion of installation / erection and no-load testing of each item of BOQ, duly certified by TPI and approved by the employer as per the technical specification and terms and condition of the contract (No-load test is not applicable for Civil works).</p> <p>: 20% of Accepted Contract Amount of respective items of BOQ.</p> <p>v. On completion of the works and successful load trials of the entire facility / Project:</p> <p>: 20% of Accepted Contract Amount of BOQ.</p> <p>vi. On handover and commissioning of the entire facility / project:</p> <p>: 10% of Accepted Contract Amount of BOQ.</p>	<p>specification and terms and condition of the contract.</p> <p>: 55% of Accepted Contract Amount of respective items of BOQ.</p> <p>v. On completion of installation / erection and no-load testing of each item of BOQ, duly certified by TPI and approved by the employer as per the technical specification and terms and condition of the contract (No-load test is not applicable for Civil works).</p> <p>: 20% of Accepted Contract Amount of respective items of BOQ.</p> <p>vi. On completion of the works and successful load trials of the entire facility / Project:</p> <p>: 5% of Accepted Contract Amount of BOQ.</p> <p>vii. On handover and commissioning of the entire facility / project:</p> <p>: 5% of Accepted Contract Amount of BOQ.</p>	The stage payment percentage is not correct as per tender documents. Please refer Cl. No. 15.1 of Sec-VIII SCC of Vol-I. Tender condition holds good.
31		Approval of Drawings duration	within 7 days from the submission of drawings, review/approval of drawings shall be provided by client/consultant.	Acceptable.
32	Clause No.: 3.2.3, Pg. 55, Tender document Volume-II,	Since unloader of such large capacity for fertilizer is not practical, two unloaders of 1100 TPH	As there are discrepancies in capacities mentioned in different places of NIT, we are considering the continuous capacity of each reversible belt feeder as 1100 TPH. please confirm	Design capacity of each reversible belt feeder as 1100 TPH is acceptable.
	Clause No.: 4.5, Pg. 92, Tender document Volume-II,	Reversible Belt feeder of capacity 2000 TPH and min. 2400mm belt width for mobile hopper		

33	Qualifying Criteria :	Definition of Similar works: Successfully completed similar works in India or abroad should be either of the following :- Successfully completed Project with scope of Engineering, procurement and construction (EPC) of mechanized handling of any type of Dry Bulk Cargo that includes, ship unloading system, conveyor system, storage shed area (in case of cargo which are not normally bagged), bagging - stitching and rake / truck loading facility (in case of cargo that can be bagged) OR stacking & reclaiming system (in case of cargo that are normally not bagged). Value of Training, Operation & Maintenance contract shall be excluded from Project Value if any.	Normally there are very few projects which come up with Ship unloading system as a package in the overall project. Bidder request to consider definition of similar work as "Successfully completed Project with EPC contract of Bulk Material Handling system including Stacker Cum Reclaimer system, Conveyors Travelling Tripper, Mobile Hoper Truck Reciving Stationand Long Stacking and Reclaming Sheds ."	Please refer Corrigendum Notice No. 01.
34	Clause No.: 2.1.6.6, Pg. 21 Tender Tender No. MS/WK/4030/VIII-EPC	Rail Slots as provision for fixing of Rails have been provided for 14 mtr span.....design of Equipment (Mobile Hoppers) shall be done accordingly.	We have considered Hopper Design as per Capacity requirement and Rail Span Will May Increase and decrease as per system requirment for Mobile hoppers & mobile harbour crane. Kindly confirm.	Please refer reply to the Query at Sr. No. 2.
35	Clause No.: 2.2.4, Pg. 29 & clause no. 4.1.1 Pg. 88 Tender document Volume-II, MS/WK/4030/VIII-EPC	....vendor shall consider the best possible arrangement for evacuation of cargo from Mobile hopper to Dumper on Wharf area and continuation of Vessel unloading operation in case of failure of Reversible Belt feeder	Please note that in case of failure of Reversible Belt Feeder, evacuation of cargo from that mobile hopper to dumper is not possible. In such time only the 2nd mobile hopper will be able to evacuate cargo. Kindly confirm.	Please refer reply to the Query at Sr. No. 3.
36	Clause No.: 2.2.8, Pg. 39, Tender document Volume-II, No. MS/WK/4030/VIII-EPC	The overall stacking width of about 35 m at the base level and a height of 12m minimum could be achieved in the storage Godown.		
37	NIT drg. no. M-006 Rev.0 Storage shed Plan & Elevation, MS/WK/4030/VIII-EPC	Stock pile width of 35m at base with 12 m height	Please confirm width and height of stock pile.	Please refer reply to the Query at Sr. No. 4.
	NIT drg. no. M-007 Rev.0 Storage shed cross section, MS/WK/4030/VIII-EPC	Stock pile width of 35m shown in plan view of godown		
38	Page No 15, Clause no 2.2.23 of Vol II	Modification/ Extension/ Installation of existing 11kV breaker panel at 66KV Switch Yard substation...	(i) Kindly inform whether the existing 11kV Switchboard at 66kV Switchyard substation is having 11kV feeders to feed the proposed new system, or we need to consider in scope addition of new feeders to the existing line-up of 11kV Switchboard.	Please refer reply to the Query at Sr. No. 8-9.
39	Page No 15, Clause no 2.1.4 of Vol II	Vendor shall lay two (2) circuits of HT Power cable from existing 11 KV feeders placed at 66KV switch yard....	(ii) Kindly furnish to us OEM's detailed drawing of the existing 11kV switchboard from which power shall be tapped for the proposed system. (iii) Kindly furnish GA/ Equipment layout drawing of the existing 66kV Switchyard & substation from where 11kV power is to be tapped.	Please refer reply to the Query at Sr. No. 8-9.

40	Page No 15, Clause no 2.1.4 of Vol II	Vendor shall consider two separate Routes from 66KV switch yard to proposed substation at Berth-14	Kindly elaborate the requirement meant by: "separate routes". We understand both set of Incoming cables shall be accommodated inside the same existing cable trench/ route. Kindly confirm.	Tender condition holds good.
41	Page No 146, Clause no 8.1.4 of Vol II	Circuit breaker protection & tripping control system: 110VDC, 2 wire, grounded	There is conflict between these two clauses regarding DC voltage used for Control & Protection circuit of Circuit breaker. We are considering 110VDC for the purpose. Kindly confirm.	Please refer reply to the Query at Sr. No. 11-12.
42	Page No 146, Clause no 8.2.1.2 of Vol II	For breaker control, 48 V DC supply shall be considered...		
43	Page No 168, Clause no 8.2.3.3 of Vol II	... 1KV LT Panels: Kindly refer Tender SLD...	Tender SLD for 1KV LT panels is not furnished along with NIT. Kindly furnish.	Please refer reply to the Query at Sr. No. 13.
44	Page No 216, Clause no 8.2.12 of Vol II	415V APFC: "APFC of suitable rating as indicated in the attached Single Line Diagram. Ratings shown in the SLDs are indicative....."	This SLD is not available with the NIT	Please refer reply to the Query at Sr. No. 13.
45	Page no 159, Clause No 8.1.5 , of Vol II, MS/WK/4030/VIII- EPC	Battery limit for Automation starts from existing PLC/SCADA terminal (hook up).	We assume that the existing PLC/SCADA terminal will be at existing 11kv substation as mentioned in clause no. 2.1.4 in NIT vol-II (page -15) and it is approx 6 km from the proposed Control room for this project. Hence we have considered 6km FO cable (single mode) and necessary media converter at both end. Please confirm.	Please refer reply to the Query at Sr. No. 15.
46	Page no 146, Clause No 8.1.5 , of Vol II	This will include modification (hardware and software) in existing Automation system, if any.	We have excluded this modification work at existing PLC end.	Tender condition holds good.
47	Page no 131, Clause No 7.4.1.3 , of Vol II	Microprocessor-controlled weighing module in stainless steel housing with front panel, dust and water tight (IP65), installed in a control cabinet.	The specification of control equipment for bagging and stitching machine shall be as per OEM specification. For the Bagging & stitching machine units, the micro- processor based controller will be standalone and no interface/communication with proposed plant PLC will be considered. Please confirm.	Bidder to follow tender requirement
48	Page no 247, Clause No 9.6.2 , of Vol II	Associated Control Devices/Sub- Systems	Neem oil coating system related instruments, equipments, control valves etc will be controlled from dedicated control system as per package OEM recommendation and practice. Necessary signal for information exchange between Neem control system and plant PLC shall be considered if applicable as per OEM recommendation.	Accepted.
49	TENDER DOCUMENT (Vol-II), Clause No. Page-36 2.2.10.1.1 (d)	Available Geotech Data (BH data) shall be shared by DPT to the Contractor if available.	Presently no geotechnical report shared or made available to bidder.	Please refer reply to the Query at Sr. No. 19-20.
50	TENDER DOCUMENT (Vol-II), Clause No. 10.6.2 (c)	The soil parameters will be considered as per soil investigation report. The ground water table shall be considered as per soil investigation report.	Kindly share Geotech Data (BH data) or soil investigation report and site survey details of proposed site.	

51	TENDER DOCUMENT (Vol-II), Clause No. 10.9.7.1.5 & 10.5.2.5, page-261	Wind Load coefficients K1, K2,K3 & K4 as per Clause No. 10.5.2.5. Wind Load coefficients K1, K2 & K3 as per Clause No. 10.9.7.1.5.	We are proceeding for wind load calculation as per latest code IS 875 (Part III) 2015. Please confirm.	Wind load calculation along with cyclone effect shall be taken as per IS 875 latest edition.
52	TENDER DOCUMENT (Vol-II), Clause No. 2.2.22	Terminal fencing shall be Precast Wall fencing with posts & barbed wire as per drawing, specifications and as directed by engineer in charge.	Kindly share the drawing with statement of clear height requirement.	Please refer reply to the Query at Sr. No. 22.
53	TENDER DOCUMENT (Vol-II), Clause No. 2.1.6.3	Storm Water Drain network inside Terminal shall be constructed and connected with outfall	Please confirm the location of outfall?	Please refer reply to the Query at Sr. No. 23.
54	Clause No.: 2.1.6.6, Pg. 21 Tender Tender No. MS/WK/4030/VIII-EPC	Rail Slots as provision for fixing of Rails have been provided for 14 mtr span.....design of Equipment (Mobile Hoppers) shall be done accordingly.	We have considered Hopper Design as per Capacity requirement and Rail Span Will May Increase and decrease as per system requiremeent for Mobile hoppers & mobile harbour crane. Kindly confirm.	Please refer reply to the Query at Sr. No. 2.
55	Clause No.: 4.2, sl.no.b), Pg. 90 Tender document Volume-II, No. MS/WK/4030/VIII-EPC	The required flanged opening shall be provided for attaching shut-off gates.	No shut-off gates will be provided for Hopper. However suitable Rod gates or Rack and Pinion Gate shall be provided below the hopper. Kindly confirm.	Rod Gate & Rack and pinion with motorised & manual modes of operation shall be provided which shall act as a shut off gate.
56	Clause No.: 5.5.16, Pg. 100, Tender document Volume-II, MS/WK/4030/VIII-EPC	All the Belt cleaners shall have 100% efficiency (Zero carryover)	Please note that belt cleaner manufactures are not providing 100% cleaning efficieny. Cleaning efficieny of ~90% is possible. Kindly confirm.	Bidder's understanding is correct.
57	Clause No.: 3.12.6, Sheet - 79 of 386 , Volume-II, Tender document, MS/WK/4030/VIII-EPC	A suitable fire fighting system shall be equipped in the crane. The design in such a way that the operator can have safe access to exist in case of fire broke out.	Kindly clarify the type of fire fighting system required. Bidder shall be considering only Fire Extinguishers for the same, kindly check & confirm.	Bidder's understanding is correct.
58	TENDER DOCUMENT (Vol-II), Clause No. 10.9.7.1.5 & 10.5.2.5, page-261	Wind Load coefficients K1, K2,K3 & K4 as per Clause No. 10.5.2.5. Wind Load coefficients K1, K2 & K3 as per Clause No. 10.9.7.1.5.	We are proceeding for wind load calculation as per latest code IS 875 (Part III) 2015. Please confirm.	Please refer reply to the Query at Sr. No. 51.
59	TENDER DOCUMENT (Vol-II), Clause No. 2.1.6.3	Sewage and Effluent shall be collected at single point Also, provision of connecting the collected point with existing available sewage line of DPT shall be provided.	Please provide the location of existing sewage line of DPT?	Please refer reply to the Query at Sr. No. 24.
60	Section-VI, GCC, Clause no 24.2 and page no 112	All the material to be imported shall be shipped in Indian ships only; if this involves undue delay then foreign ships may be used with prior consent of the Employer	Shipping of material shall be done by the import supplier and hence we request you to allow both Indian and Foreign ships for shipping material based on the supplier requirement.	Bidder to follow tender requirement

61	Qualifying Criteria :	<p>Definition of Similar works: Successfully completed similar works in India or abroad should be either of the following :- Successfully completed Project with scope of Engineering, procurement and construction (EPC) of mechanized handling of any type of Dry Bulk Cargo that includes, ship unloading system, conveyor system, storage shed area (in case of cargo which are not normally bagged), bagging - stitching and rake / truck loading facility (in case of cargo that can be bagged) OR stacking & reclaiming system (in case of cargo that are normally not bagged). Value of Training, Operation & Maintenance contract shall be excluded from Project Value if any.</p>	<p>Normally there are very few projects which come up with Ship unloading system as a package in the overall project. Bidder request to consider definition of similar work as "Successfully completed Project with EPC contract of Bulk Material Handling system including Stacker Cum Reclaimer system, Conveyors Travelling Tripper, Mobile Hoper Truck Reciving Stationand Long Stacking and Reclaming Sheds ."</p>	Please refer Corrigendum Notice No. 01.
62	Qualifying Criteria	<p>Engineering, procurement and construction (EPC) of mechanized handling of any type of Fertilizer/ other clean cargo that includes, ship unloading 'or' loading system, hopper 'or' chute, conveyor system, with 'or' without storage shed, with 'or' without bagging - stitching system & with 'or' without rake 'or' truck loading facility, with its associated electrical, civil, instrumentation etc. works, with 'or' without Maintenance/ Operation of the system; 'OR', Engineering, procurement and construction (EPC), of mechanized handling of any type of Dry Bulk Cargo that includes, ship unloading 'or' loading system, hopper 'or' chute, conveyor system, stacking 'or' stacking-cum-reclaiming system, with its associated electrical, civil, instrumentation etc. works, with 'or' without Maintenance/ Operation of the system.</p>	<p>Engineering, procurement and construction (EPC) of mechanized handling of any type of Fertilizer/ other clean cargo that includes, ship / Railway Wagon unloading 'or' loading system, hopper 'or' chute, conveyor system, with 'or' without storage shed, with 'or' without bagging - stitching system & with 'or' without rake 'or' truck loading facility, with its associated electrical, civil, instrumentation etc. works, with 'or' without Maintenance/ Operation of the system; 'OR', Engineering, procurement and construction (EPC), of mechanized handling of any type of Dry Bulk Cargo that includes, ship/Railway Wagon unloading 'or' loading system, hopper 'or' chute, conveyor system, stacking 'or' stacking-cum-reclaiming system, with its associated electrical, civil, instrumentation etc. works, with 'or' without Maintenance/ Operation of the system.</p>	Please refer Corrigendum Notice No. 01.
63	Qualifying Criteria :	<p>Definition of Similar works: Successfully completed similar works in India or abroad should be either of the following :- Successfully completed Project with scope of Engineering, procurement and construction (EPC) of mechanized handling of any type of Dry Bulk Cargo that includes, ship unloading system, conveyor system, storage shed area (in case of cargo which are not normally bagged), bagging - stitching and rake / truck loading facility (in case of cargo that can be bagged) OR stacking & reclaiming system (in case of cargo that are normally not bagged). Value of Training, Operation & Maintenance contract shall be excluded from Project Value if any.</p>	<p>Normally there are very few projects which come up with Ship unloading system as a package in the overall project. Bidder request to consider definition of similar work as "Successfully completed Project with EPC contract of Bulk Material Handling system including Stacker Cum Reclaimer system, Conveyors Travelling Tripper, Mobile Hoper Truck Reciving Stationand Long Stacking and Reclaming Sheds ."</p>	Please refer Corrigendum Notice No. 01.
64	Clause No.: 2.1.6.6, Pg. 21 Tender Tender No. MS/WK/4030/VIII-EPC	<p>Rail Slots as provision for fixing of Rails have been provided for 14 mtr span.....design of Equipment (Mobile Hoppers) shall be done accordingly.</p>	<p>We have considered Hopper Design as per Capacity requirement and Rail Span Will May Increase and decrease as per system requirmeent for Mobile hoppers & mobile harbour crane. Kindly confirm.</p>	Please refer reply to the Query at Sr. No. 2.

65	Clause No.: 2.2.4, Pg. 29 & clause no. 4.1.1 Pg. 88 Tender document Volume-II, MS/WK/4030/VIII-EPC	....vendor shall consider the best possible arrangement for evacuation of cargo from Mobile hopper to Dumper on Wharf area and continuation of Vessel unloading operation in case of failure of Reversible Belt feeder	Please note that in case of failure of Reversible Belt Feeder, evacuation of cargo from that mobile hopper to dumper is not possible. In such time only the 2nd mobile hopper will be able to evacuate cargo. Kindly confirm.	Please refer reply to the Query at Sr. No. 3.
66	Clause No.: 2.2.8, Pg. 39, Tender document Volume-II, No. MS/WK/4030/VIII-EPC	The overall stacking width of about 35 m at the base level and a height of 12m minimum could be achieved in the storage Godown.	Please confirm width and height of stock pile.	Please refer reply to the Query at Sr. No. 4.
	NIT drg. no. M-006 Rev.0 Storage shed Plan & Elevation, MS/WK/4030/VIII-EPC	Stock pile width of 35m at base with 12 m height		
	NIT drg. no. M-007 Rev.0 Storage shed cross section, MS/WK/4030/VIII-EPC	Stock pile width of 35m shown in plan view of godown		
67	Clause No.: 4.2, sl.no.b), Pg. 78 Tender document Volume-II, No. MS/WK/4030/VIII-EPC	Hoppers shall be designed with a valley angle of not less than 65° to the horizontal	Hopper will be designed with maximum available valley angle for specified height restriction of 14.5 m. Kindly confirm.	Valley Angle of 65 degree shall be met w.r.t height requirement specified in the tender and same shall be subject to Employer review during detail engg.
68	Clause No.: 4.2, sl.no.b), Pg. 90 Tender document Volume-II, No. MS/WK/4030/VIII-EPC	The required flanged opening shall be provided for attaching shut-off gates.	No shut-off gates will be provided for Hopper. However suitable Rod gates or Rack and Pinion Gate shall be provided below the hopper. Kindly confirm.	Rod Gate & Rack and pinion with motorised & manual modes of operation shall be provided which shall act as a shut off gate.
69	Clause No.: 4.2, sl.no.j), Pg. 78, Tender document Volume-II, No. MS/WK/4030/VIII-EPC	Tie rod (free issue part) shall be provided between Crane and Hopper for the movement of hopper with crane during operation. Appropriate arrangements shall be made in movable hopper.	Tie rod arrangement cannot be used for the movement of mobile hopper with crane during operation, as cranes are tyre mounted and mobile hoppers are rail mounted. Kindly confirm.	Tender Condition Holds Good. Tie Rod along with necessary provision shall be provided as per Tender Conditions.
70	Clause No.: 4.2, sl.no.k), Pg. 78, Tender document Volume-II, MS/WK/4030/VIII-EPC	Long Travel drive of movable hopper shall be selected so that 50% of travel drive can able to move the hopper. Travel speed shall be variable from 0-20 meter/min.	50% of travel drive will be able to move the Mobile Hopper with reduced wind speed of 10 m/s. Kindly confirm. In this Condition Tie Rod Shall be Disconnected from the Mobile Crane.	Tender Condition Holds Good
71	Clause No.: 4.5, sl.no.13), Pg. 81, Tender document Volume-II, MS/WK/4030/VIII-EPC	Collapsible hand rail shall be provided at the top of hopper along with platform on three side of hopper.	Removable type hand rail will be provided at the top of Hopper. Kindly confirm	Bidder to follow tender requirement. It shall be designed by bidder and submitted to employer with design calculations and drawings.
72	Clause No.: 5.5.10, sl no. b) Pg. 95, Tender document Volume-II, MS/WK/4030/VIII-EPC	Equipment shall be designed to operate with a noise level not exceeding 80 db measured at a distance of 1Metre in any direction and vibration level not exceeding 2.4 mm/s.	Drive unit shall be designed with vibration levels not exceeding 4.5 mm/s. Kindly confirm.	Vibration level shall not be exceeding satisfactory limits of ISO / International standards
73	Clause No.: 5.5.16, Pg. 100, Tender document Volume-II, MS/WK/4030/VIII-EPC	All the Belt cleaners shall have 100% efficiency (Zero carryover)	Please note that belt cleaner manufactures are not providing 100% cleaning efficiency. Cleaning efficiency of ~90% is possible. Kindly confirm.	Please refer reply to the Query at Sr. No. 56.

74	Clause No.: 3.12.6, Sheet - 79 of 386 , Volume-II, Tender document, MS/WK/4030/VIII-EPC	A suitable fire fighting system shall be equipped in the crane. The design in such a way that the operator can have safe access to exist in case of fire broke out.	Kindly clarify the type of fire fighting system required. Bidder shall be considering only Fire Extinguishers for the same, kindly check & confirm.	Bidders understanding is correct.
75	Clause No.: 12.1.5, Sheet - 423 of 529, Volume-II, Tender document, MS/WK/4030/VIII-EPC	Note : Vendor shall offer makes from List of Approved Makes. Any make other than list needs prior approval from client.	Bidder shall be furnishing the other suggested makes of system components during detail engineering for make approval. Kindly confirm.	Please refer reply to the Query at Sr. No. 6.
76	Clause No.: 3.5.5, Sheet - 73 of 529, Volume-II, Tender document, MS/WK/4030/VIII-EPC	The electrical room shall be fitted with suitable size of split type air conditioner to control the temperature inside the e- room as per requirement of IEC code.	Kindly furnish the IEC code.	Please refer reply to the Query at Sr. No. 7.
77	Page No 15, Clause no 2.2.23 of Vol II	Modification/ Extension/ Installation of existing 11kV breaker panel at 66KV Switch Yard substation...	(i) Kindly inform whether the existing 11kV Switchboard at 66kV Switchyard substation is having 11kV feeders to feed the proposed new system, or we need to consider in scope addition of new feeders to the existing line-up of 11kV Switchboard.	Please refer reply to the Query at Sr. No. 8-9.
78	Page No 15, Clause no 2.1.4 of Vol II	Vendor shall lay two (2) circuits of HT Power cable from existing 11 KV feeders placed at 66KV switch yard....	(ii) Kindly furnish to us OEM's detailed drawing of the existing 11kV switchboard from which power shall be tapped for the proposed system. (iii) Kindly furnish GA/ Equipment layout drawing of the existing 66kV Switchyard & substation from where 11kV power is to be tapped.	Please refer reply to the Query at Sr. No. 8-9.
79	Page No 15, Clause no 2.1.4 of Vol II	Vendor shall consider two separate Routes from 66KV switch yard to proposed substation at Berth-14	Kindly elaborate the requirement meant by: "separate routes". We understand both set of Incoming cables shall be accommodated inside the same existing cable trench/ route. Kindly confirm.	Please refer reply to the Query at Sr. No. 10.
80	Page No 146, Clause no 8.1.4 of Vol II	Circuit breaker protection & tripping control system: 110VDC, 2 wire, grounded	There is conflict between these two clauses regarding DC voltage used for Control & Protection circuit of Circuit breaker. We are considering 110VDC for the purpose. Kindly confirm.	Please refer reply to the Query at Sr. No. 11-12.
81	Page No 146, Clause no 8.2.1.2 of Vol II	For breaker control, 48 V DC supply shall be considered...		Please refer reply to the Query at Sr. No. 11-12.
82	Page No 168, Clause no 8.2.3.3 of Vol II	...1KV LT Panels: Kindly refer Tender SLD...	Tender SLD for 1KV LT panels is not furnished along with NIT. Kindly furnish.	Please refer reply to the Query at Sr. No. 13.

83	Page No 216, Clause no 8.2.12 of Vol II	415V APFC: "APFC of suitable rating as indicated in the attached Single Line Diagram. Ratings shown in the SLDs are indicative....."	This SLD is not available with the NIT	Please refer reply to the Query at Sr. No. 14.
84	Page no 159, Clause No 8.1.5 , of Vol II, MS/WK/4030/VIII-EPC	Battery limit for Automation starts from existing PLC/SCADA terminal (hook up).	We assume that the existing PLC/SCADA terminal will be at existing 11kv substation as mentioned in clause no. 2.1.4 in NIT vol-II (page -15) and it is approx 6 km from the proposed Control room for this project. Hence we have considered 6km FO cable (single mode) and necessary media converter at both end. Please confirm.	Please refer reply to the Query at Sr. No. 15.
85	Page no 146, Clause No 8.1.5 , of Vol II	This will include modification (hardware and software) in existing Automation system, if any.	We have excluded this modification work at existing PLC end.	Tender Condition Holds Good.
86	Page no 131, Clause No 7.4.1.3 , of Vol II	Microprocessor-controlled weighing module in stainless steel housing with front panel, dust and water tight (IP65), installed in a control cabinet.	The specification of control equipment for bagging and stitching machine shall be as per OEM specification. For the Bagging & stitching machine units, the micro-processor based controller will be standalone and no interface/communication with proposed plant PLC will be considered. Please confirm.	Bidder to follow tender requirement.
87	Page no 247, Clause No 9.6.2 , of Vol II	Associated Control Devices/Sub-Systems	Neem oil coating system related instruments, equipments, control valves etc will be controlled from dedicated control system as per package OEM recommendation and practice. Necessary signal for information exchange between Neem control system and plant PLC shall be considered if applicable as per OEM recommendation.	Accepted.
88	TENDER DOCUMENT (Vol-II), Clause No. Page-36 2.2.10.1.1 (d)	Available Geotech Data (BH data) shall be shared by DPT to the Contractor if available.	Presently no geotechnical report shared or made available to bidder.	Please refer reply to the Query at Sr. No.19-20.
89	TENDER DOCUMENT (Vol-II), Clause No. 10.6.2 (c)	The soil parameters will be considered as per soil investigation report. The ground water table shall be considered as per soil investigation report.	Kindly share Geotech Data (BH data) or soil investigation report and site survey details of proposed site.	
90	TENDER DOCUMENT (Vol-II), Clause No. 10.9.7.1.5 & 10.5.2.5, page-261	Wind Load coefficients K1, K2, K3 & K4 as per Clause No. 10.5.2.5. Wind Load coefficients K1, K2 & K3 as per Clause No. 10.9.7.1.5.	We are proceeding for wind load calculation as per latest code IS 875 (Part III) 2015. Please confirm.	Wind load calculation along with cyclone effect shall be taken as per IS 875 latest edition.
91	TENDER DOCUMENT (Vol-II), Clause No. 2.2.22	Terminal fencing shall be Precast Wall fencing with posts & barbed wire as per drawing, specifications and as directed by engineer in charge.	Kindly share the drawing with statement of clear height requirement.	Please refer reply to the Query at Sr. No. 22.

92	TENDER DOCUMENT (Vol-II), Clause No. 2.1.6.3	Storm Water Drain network inside Terminal shall be constructed and connected with outfall	Please confirm the location of outfall?	Please refer reply to the Query at Sr. No. 23.
93	TENDER DOCUMENT (Vol-II), Clause No. 2.1.6.3	Sewage and Effluent shall be collected at single point Also, provision of connecting the collected point with existing available sewage line of DPT shall be provided.	Please provide the location of existing sewage line of DPT?	Please refer reply to the Query at Sr. No. 24.
94	TENDER DOCUMENT (Vol-II), Clause No. 2.2.18	Settling pond: Settling basin shall have RCC sloped side and key wall, bottom PCC with 4mm dia weld mesh (approx 100mm x 100mm sq. opening), inlet and outlet arrangement, ramp for vehicular entry to pond for de silting.	Kindly let us know whether any pressure relief valves (PRV) is required to handle pressure due to existing ground water table?	Please refer reply to the Query at Sr. No. 25.
95	TENDER DOCUMENT (Vol-II), Clause No. 2.2.20	Rain water harvesting scheme shall be provided as required to meet statutory compliance as per regulations.	Kindly elaborate the system for rain water harvesting?	Shall be as per IS codes and Central ground water board guidelines
96	NIT drg. no. M-002 Rev.0 Terminal GA Layout for Berth-14	Tender drawings	Client to furnish ACAD drawing of plot plan with co-ordinate of different Junction Houses and area grading with FGL; road layout; rail layout and all other tender drawings (conv. Profiles) for enabling us to carry on design & engineering activities.	Data shall be made available to the successful bidder, if available.
	NIT drg. nos. M-001 to M-010 Rev.0 Profile of conveyors, GA of Berth 14, Storage shed plan, elevation & cross-section etc.			
97	Section-VI, GCC, Clause no 16.5 and page no 107	GST	Any variation in the GST % for the goods and services during execution of the contract shall be reimbursed actuals.	It shall be as per applicable laws as mentioned in the clause itself.
98	Section-VI, GCC, Clause no 24.2 and page no 112	All the material to be imported shall be shipped in Indian ships only; if this involves undue delay then foreign ships may be used with prior consent of the Employer	Shipping of material shall be done by the import supplier and hence we request you to allow both Indian and Foreign ships for shipping material based on the supplier requirement.	Tender Conditions holds good.
99	Section-VI, GCC, Clause no 40 and page no 132	The Contractor will make his own arrangements for obtaining materials required for the manufacture of the items and for the efficient and regular operation of the work. The Engineer will, however, forward his application for import licences, to the proper authorities if desired by him certifying the nature of the work to be carried out but under no circumstances the non supply of such controlled or other materials by the authorities will be taken as an excuse for not completing the contract, if awarded, within the stipulated period.	Please clarify the custom duty rate to be considered for imported item against import licence.	Applicable customs duty shall be paid by the Contractor to the concerned authorities. All major imported components / equipments should be imported & payment shall be made by the contractor in the name of 'Deendayal Port Authority' only. Also, the Clause No. 16.4 of Sec-VI GCC, Vol-I shall be read as: <i>"The rates quoted shall be inclusive of packing and forwarding, custom duties, transportation, insurance and all statutory levies excluding GST and shall remain firm & final till satisfactory completion of entire work and taking over of the same by the Deendayal Port Authority as per terms and conditions of the contract."</i>

100	Section-VII, SCC, GCC 37.6 and page no 138	The Contractor will be allowed to tap/use electric power to the extent required for due fulfilment of the Contract, if electric Supply from the Employer's network is available at work site, subject to the Contractor's complying with the rules and regulations and safety precaution laid down by the Employer from time to time. Upon suitability, the Employer shall provide the same at cost to the Contractor as per the prevailing tariff rates of Deendayal Port Trust	Construction power and water required shall be provided by client free of cost within the site premises. Please indicate the rates per unit for power and water if provided on chargeable basis.	The electricity at nearest source during the tenure of the work shall be provided by the Employer free of cost. However, necessary metering devices for accountability & cabling has to be ensured by the contractor.
101		i. Engineering: On submission and approval of all design documents, drawings, plan and all other documents, as required: a) On Submission: 1% of the Accepted Contract Amount. b) On Approval: 1% of the Accepted Contract Amount. ii. On placement of Purchase Orders for supply of respective items of the BOQ : 3% of Accepted Contract Amount of respective items of BOQ. iii. On supply of material at site, duly certify by TPI and approved by the employer as per the technical specification and terms and condition of the contract.	i)Advance 10% against submission of ABG ii) Engineering: On submission and approval of all design documents, drawings, plan and all other documents, as required: a) On Submission: 1% of the Accepted Contract Amount. b) On Approval: 1% of the Accepted Contract Amount. iii. On placement of Purchase Orders for supply of respective items of the BOQ : 3% of Accepted Contract Amount of respective items of BOQ. iv. On supply of material at site, duly certify by TPI and approved by the employer as per the technical	Please refer Corrigendum Notice No. 01.
102	Section-VII, SCC, GCC 15.1 and page no 134	: 45% of Accepted Contract Amount of respective items of BOQ. iv. On completion of installation / erection and no-load testing of each item of BOQ, duly certified by TPI and approved by the employer as per the technical specification and terms and condition of the contract (No-load test is not applicable for Civil works). : 20% of Accepted Contract Amount of respective items of BOQ. v. On completion of the works and successful load trials of the entire facility / Project: : 20% of Accepted Contract Amount of BOQ. vi. On handover and commissioning of the entire facility / project: : 10% of Accepted Contract Amount of BOQ.	specification and terms and condition of the contract. : 55% of Accepted Contract Amount of respective items of BOQ. v. On completion of installation / erection and no-load testing of each item of BOQ, duly certified by TPI and approved by the employer as per the technical specification and terms and condition of the contract (No- load test is not applicable for Civil works). : 20% of Accepted Contract Amount of respective items of BOQ. vi. On completion of the works and successful load trials of the entire facility / Project: : 5% of Accepted Contract Amount of BOQ. vii. On handover and commissioning of the entire facility / project: : 5% of Accepted Contract Amount of BOQ.	Please refer Corrigendum Notice No. 01.
103		Approval of Drawings duration	within 7 days from the submission of drawings, review/approval of drawings shall be provided by client/consultant.	Acceptable.

104	Clause No.: 2.2.8, Pg. 39 , PEB storage shed Tender document Volume-II,	.....sufficient space to be planned for movement of dumpers and pay loaders with in the shed on both the sides	Please specify size/capacity, make & model numbers of pay loaders , front end loaders, dozzerts etc. planned to use for this purpose.	It shall be part of detail engineering. Contractor to suggest suitable & available option for efficient operation which shall be adopted for O&M purpose.
	Clause No.: 2.2.9, Pg. 40 ,PEB storage shed Tender document Volume-II,	.....Pay loaders shall feed the cargo to Bucket Elevator using receiving hopper.		
	Clause No.: 2.2.11, Pg. 40, open storage yards Tender document Volume-II, Page-40	Yard shall be design for stacking of cargo and movement of yard equipment(s) i.e. pay loaders and dumpers for stacking, loading, unloading and transportation of cargo.		
105	Clause No.: 2.1.6.1, Pg. 19, Tender document Volume-II,	In case of other cargo (other than Fertilizer), it shall be unloaded via Mobile Harbour Crane and transfer the same to Open Stock yard using Mobile hopper and Road Dumpers / Truck to open stock yard and evacuation of cargo via railway wagons /Truck.	Please specify size/capacity, make & model numbers of trucks etc. planned to use for this purpose. While unloading coal from ship and stacking at open stackyard through truck tipper requires lot of manual intervetion which will not give consistency. hence we are not considering coal unloading in PG test. please accept.	Trucks ranging capacity from 20 T to 35 T are being hanlded at the port. Tender condition holds good.
	Clause No.: 2.2.4. Pg. 19, Tender document Volume-II,	There shall be a provision in the mobile hopper to transfer the material to dumper underneath through a chute below.....		
106	Clause No.: 2.2.11, Pg. 39 Tender document Volume-II,	Vender shall consider design to ensure that cargo stored in open storage yard can be evacuated either by road truck or Rail Line by using yard equipment(s) i.e Pay loaders and Dumpers.	Evacuation of cargo from the open stock pile is not in bidders scope. Kindly confirm.	Design & Layout shall take care of all truck movement as per Bid requirements. Evacuation is to be done by other contractors.
107	Clause No.: 2.2.11, Pg. 39 Tender document Volume-II,	Vender shall consider design to ensure that cargo stored in open storage yard can be evacuated either by road truck or Rail Line by using yard equipment(s) i.e Pay loaders and Dumpers.	Stockpile management and traffic management system for open storage yards are not considered in our scope. Please confirm.	Design & Layout shall take care of all truck and Rail movement as per Bid requirements. O&M with Traffic Management is in the scope of other contractors.
108	Clause No.: 3.2.3, Pg. 55, Tender document Volume-II,	Since unloader of such large capacity for fertilizer is not practical, two unloaders of 1100 TPH	As there are decripencioes in capacities mentioned in different places of NIT, we are considering the continuous capacity of each reversible belt feeder as 1100 TPH.please confirm	Please refer reply to the Query at Sr. No. 32.
	Clause No.: 4.5. Pg. 92, Tender document Volume-II,	Reversible Belt feeder of capacity 2000 TPH and min. 2400mm belt width for mobile hoper		
109	NIT drg. no. M-009 Rev.0 Yard conveyor FBC-2 profile	Truck loading arrangement shown at head end of yard conveyor FBC-2 at transfer tower T2.	NIT specification is silent about truck loading system. However it is showing in NIT drawing(conveyor FBC-2 profile) without any further details viz. surge hopper details, type of truck loading arrangement, truck types etc. We presume that truck loading system is not envisaged in bidder's scope of supply. Bidder scope ends with head end of conveyor FBC-2 inside T2 building. please confirm.	Design & Layout shall take care of provision of all truck loading arrangement. Truck Loading system is not is in the scope of contractor. M-009 is not a part of published Tender documents.
	Clause No.: 5.7.2.1 Pg. 108, Tender document Volume-II,	The tripper shall have three-way discharge chute which shall be capable of discharging the incoming material to either side of belt conveyor all along tripper travel or bypass to head pulley of conveyor.		

110	Clause No.: 5.9.4 Pg. 136, Tender document Volume-II,	Quantity of metal detectors	we are considering one no.ILMS in TT-1 building and 1 no. metal detector on conveyor FBC-2 after ILMS instead of two no's metal detector's are asked in NIT specification. The proposed arrangement (1no metal detector after ILMS) is working in serval installations which is working fine. please confirm.	Bidders understanding is correct.
111	Clause No.: 2.3.1 Pg. 60, Tender document Volume-II,	One full rake shall be loaded in 4 hours	we presume that material from 8 stock piles(maybe different fertilizers/different users to be loaded in same rake consists of different fertilizers loaded wagons) are to be reclaimed with the help of	Bidders query is not complete. However the NIT clause mentions that one full rake shall be loaded in 6 hours.
112	Volume-II, Section-II, Clause 2.2.8	PEB Structured Closed Storage Shed : The Godown shall be sized 700 m x 55 m wide for storage of Fertilizers and Rail siding plate form across the length of 5.31 mtr.	kindly confirm the following consideration 1. Whether design of shed structure by international code (Other than Indian code) & usage of indian section will be accepted? Kindly confirm. 2. Whether ball & socket joint for space truss system accepted? Kindly confirm. 3. Whether use of Z Section (Bit thinner one) for Purlins will be permitted? As its usage is most long span shed structure. Kindly confirm.	1. Only Indian code is accepted. 2. Space truss is accepted. 3. Z section is accepted. It should be noted by the bidders that the information, size, specifications, design & dimensions mentioned in this Volume and drawings, are indicative. As in EPC Contracts, the successful bidder shall workout detail design & drawings during detail engineering stage meeting the functional, operational & performance requirements & as per relevant IS standards, well within the sanctioned estimate, and submit the fresh design & drawings for approval to employer.
113	16.1 Responsibility of Contractor / Bidder:	h) Required statutory clearance, i.e. Railway clearance for commencing of operation etc.as per requirement starting from Design till commence of Railway operation.	Any kind of Statutory Clearance along with its requisite fees are excluded from Bidder's scope of work. Please confirm.	Please refer Cl. No. 3.08 Sec-V of Vol-I and 16.1 (h) of Vol-II of Tender Volumes.
114	16.1 Responsibility of Contractor / Bidder:	n) It will be responsibility of contractor to arrange the Cargo for internal testing and Load testing of the System.	Any kind of Cargo arranging is excluded from Bidder's scope of work. Bidder do not have expertise on Cargo business hence the same has to be arranged by Client.	The same may be arranged by Employer, however bidder to take note of penalty demurrage clause also as specified in referred clause.
115	TENDER DOCUMENT : Volume-II Pg. 35, Clause 2.2.3	Mobile Harbour Cranes: 2 Nos. Rubber Tyred Mobile Harbour Cranes.	As per tender drawings M-003,M-004 & M- 008, we understand the Cranes are rail mounted Mobile Harbour Cranes. Pl. clarify.	As per Layout drg, rail mounted mobile hopper is shown. Also in specification tyre mounted Mobile Harbour cranes are clearly menioned.
116	Clause 8.1.4, Tender Document Volume-II , Page 159	System Power Supply Description: Fault level : 26.3 KA for 3 seconds at 33KV & 11 kV 50 KA for 1 seconds at 415V	Fault level at 3.3KV level is not mentioned m the document. Please confirm whether we can consider the fault level as 40KA for 3 seconds as mentioned in Electrical Single line diagram, furnished along with Tender Documents.	Refer drawing no M-010 Electrical HT Single Line Diagram. Kindly consider Fault level at 3.3KV as 40KA@3Sec which is clearly indicated in SLD.

117	Clause: 8.2.12_415 V Capacitor Bank with Automatic Power Factor (PF) Correction Control Panels, Tender Document Volume-II, Page 216	8.2.12 415 V Capacitor Bank with Automatic Power Factor (PF) Correction Control Panels 415 V Automatic Power Factor Control Panels shall comprise of 415V circuit breaker , PF Meter, Automatic PF Correction Relay with Capacitor Banks of suitable rating as indicated in the attached Single Line Diagram.	LT SLDs are not furnished along with tender documents. Please share the same.	HT SLD for 66 kV substation shall be referred provided in Annexure-I alongwith corrigendum. Bidder to prepare further detailing as required.
118	Clause: 5.4 Electrical, Instrumentation & Automation Works Tender Document Volume-II	Motor Specifications for conveyor system	Motor specifications are not provided along with tender documents. Please furnish the same.	Bidder to follow tender requirement clause no 3.13 (b) of Vol-II. It shall be designed by bidder and submitted to employer with design calculations and drawings. Also relevant standards for motor (IS/IEC) shall be followed.
119	Clause 2.2.10 Tender Document Volume-II , Page 34	Vendor shall prepare Railway DPR and obtain necessary statutory approval prior to commencement of work. All applicable charges for statutory approval and Codal Charges shall be part of Bidder's Scope of work.	DPR Shall be provided by Customer to minimize the time frame.	Bidder to follow tender requirement. It shall be designed by bidder and submitted to employer with design calculations and drawings.
120	General	General	On the eligibility criteria we will have to form a JV with another company who has having a turnover of more than 200 crores, but, they are into different field. They would be supporting us financially and we would be manufacturing the whole system as per the tender RFQ, since we have design & manufacturing capabilities. Will this arrangement be allowed, if yes, kindly give us your approval by return email.	Please refer Corrigendum Notice No. 01.