

ANNEXURE-A1 -TERMS & CONDITIONS**PROCUREMENT OF LARGE DIAMETER PLATE FORMED PIPES WITH OR WITHOUT ATTACHMENTS , MITRE BENDS, WELDED TEES, PIPES WITH OR WITHOUT ATTACHMENTS INVOLVING INTERNAL GLASS FLAKE COATING FOR COOLING WATER PIPING SYSTEM FOR ENNORE SEZ PROJECT 2X660MW**

SL. NOs.	BHEL REQUIREMENT	AGREE/ DISAGREE/						
1	SCOPE OF SUPPLY Manufacture / Fabrication and supply of large diameter plate formed pipes with or without attachments , Mitre bends, Tees, pipes with or without attachments meeting BHEL drawing & technical requirements with applicable external painting and special internal coating for Ennore Project and to be delivered at Ennore SEZ STPP 2X660 MW project site.							
2	Detailed Scope of Work: <table><tr><td>Item No.1</td><td>Plate formed pipes without attachments of sizes above NB2000 etc. with internal Glass Flake(GF) coating.</td></tr><tr><td>Item No. 2</td><td>Fabricated tees , Plate formed pipes with attachments, Mitre Bends, PF reducers of sizes above NB2000 etc. with internal Glass Flake(GF) coating.</td></tr><tr><td>Item No. 3</td><td>Pipes ,Pipes with attachments,Mitre Bends, Tees etc. of sizes 914x10 mm internal Glass Flake(GF) coating.</td></tr></table> LIST OF ITEMS AS PER ENCLOSED LIST(itemwise) Annexure Q	Item No.1	Plate formed pipes without attachments of sizes above NB2000 etc. with internal Glass Flake(GF) coating.	Item No. 2	Fabricated tees , Plate formed pipes with attachments, Mitre Bends, PF reducers of sizes above NB2000 etc. with internal Glass Flake(GF) coating.	Item No. 3	Pipes ,Pipes with attachments,Mitre Bends, Tees etc. of sizes 914x10 mm internal Glass Flake(GF) coating.	
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3.0	<u>TECHNICAL REQUIREMENTS</u> Large diameter plate formed pipes with or without attachments, Mitre bends, Tees, pipes with or without attachments and other items shall be manufactured as per drawing and applicable Quality plan ref. QP:7270: QPC 03 Dated 17.08.15. All Raw materials are to be procured from BHEL approved Raw Material vendor list RM:VEND:LIST:PVM REV:05 Date :04.12.2017. Spider Arrangement shall be provided as per Drawing No. 3-80-468-31263, 3-80-468-33979,3-80-468-33980 latest revisions. Lifting lug is to be welded before coating. Deviation if any shall be clearly indicated in a separate sheet. UNDISCLOSED DEVIATIONS ARE NOT ACCEPTABLE. 3.1 WPS/PQR to be submitted for approval/review by BHEL/Quality. 3.2 Bidder shall submit detailed process flow chart from raw material stage including manufacturing fabrication of pipe, welding of attachments, testing and coating. 3.3 Bidder shall indicate whether they are outsourcing any of the activity. If so, details shall be furnished. 3.4 Bidder to provide plan for execution of the tendered quantity in assumption of bagging the order. (along with Part 1 bid) • Time for procurement of raw material. • Fabrication • Coating • Month-wise Delivery schedule – Monthly capacity							

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4	<u>COATING REQUIREMENT</u> Painting Scheme Reference for ENNORE QP NO:7270: QPC:12 Rev. 02 dt. 26.05.2017 <u>External Painting for :</u> 1. Underground /Buried piping(UG):- Surface preparation by power tool cleaning Red oxide zinc phosphahate (Alkyd base to IS12744) primer- 30 microns (1 coat). 2. Over Ground Piping(OG):- Surface preparation by Blast cleaning Epoxy Polyamide resin base zinc phosphate primer – 2 coats (35 microns per coat) Epoxy resin MIO – intermediate -1 coat (75 microns) Total DFT = 145 microns <u>Internal :</u> Surface preparation by Blast cleaning Isophthalic Polyester/acrylic co-polymer filled with glass flakes coating -1000 microns (min). Acceptance to coat inside surface of pipes with Isophthalic Polyester /Acrylic co-polymer filled with glass flakes meeting engineering specification ref PC: E:GF:001 Rev 00 through coating vendor M/s Demech Chemical Products Pvt. Ltd , Pune.	
5	<u>QUALITY PLAN</u> After placement of Purchase order vendor shall ensure following (a) Fabrication of all purchase order items as per BHEL Quality plan provided in NIT ref: QP:7270:QPC 03 Dated 17.08.15. (b) Submission of procedure and QAP for Internal Coating of pipe prepared by M/s demech chemicals, reviewed by the bidder for final approval by BHEL.	
6	<u>INSPECTION</u> BHEL/ BHEL approved third Party inspection agency. Inspection call shall be raised by the Bidder as per the inspection stages indicated in approved Quality Plan. Inspection call shall be given at least 14 days in advance for the required inspection planning. Inspection call letter should contain all details pertaining to type of inspection, manufacturing schedule, inspection dates etc. Bidder to ensure the readiness of material on the date of visit by inspector.	
7	<u>TESTING AND TEST CERTIFICATES</u> NDE TESTING FOR ALL WELDING shall be as per BHEL approved QP and Testing and Inspection Procedures(TIPS). Test certificates as called for in the BHEL approved QP for fabrication and coating shall be sent to OS / Piping Centre BHEL Chennai immediately after the dispatch of items . Inspection documents shall be furnished for each batch of dispatch / consignment. Soft copy in CD format of the all the test certificates shall also be submitted.	

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8 8.1	<u>Two-part bid :</u> Part-I TECHNICAL - CUM – COMMERCIAL PART (Un-priced) :- This part of the bid shall contain following technical and commercial points only (except price portion) 1. Bidder to submit duly filled and signed <u>‘Pre-Qualification Criteria’-Annexure P</u> along with all supporting documents. 2. Duly filled, signed and stamped Annexure-A –Techno-commercial bid alongwith ‘Terms and Conditions’ format-Annexure A1 which contains Commercial & Technical requirements along with QP, Painting scheme, Edge preparation, BOQ and Spider Arrangement Drawings and all supporting documents. 3. Integrity Pact - To be filled and submitted with Part-1 without fail. The above documents form part of this tender document and bidder shall ensure that they have received all these along with tender and confirm.	
8.2	PART II <u>PRICE PART :</u> The unit price shall be quoted on FOR Ennore SEZ project site basis – Site Address - 2X660MW Ennore SEZ STPP , TANGEDCO , Ennore, Tamil Nadu - 600120 (BASE PRICE and other components strictly as per price template attached) Price quoted by the Supplier item wise with break up as per the price bid template shall be furnished. a) For Sl. No. 1,2 and 3 of Price bid format (Annexure-B) Base Price shall be quoted on per MT basis which shall include Cost of Raw Material , fabrication and internal GF coating including surface preparation, Edge Preparation and providing Spider Arrangement and Testing and Packing and freight & insurance. b) For sl. No. 4&5 of price bid format (Annexure-B) external painting rates shall be quoted on per MT basis shall be including cost of surface preparation, paint and application as per sl. No. 2 (UG/buried piping) & sl. No.4 (OverGround piping) of Painting QP No. 7270QPC12 rev. 02 dt. 26.05.2017. c) Percentage of applicable GST shall be clearly indicated. d) Freight including transit insurance charges to be quoted as per Price bid format(Annexure-B). Ordering shall be on Free on Road, FOR – ENNORE Project Site.	

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9	<u>COUNTER OFFERING AND SPLITTING OF ORDER</u> L1 rates of each items 1 to 3 arrived using formula mentioned in sl. No. 13 below shall be counter-offered to the other vendors. Ordering may be distributed among other counter offer accepted vendors. If L2, L3 & L4 vendors do not accept, the same will be extended to other vendors except Highest bidders as per clause 3.3 of NIT (Page No. 5 of 21). Splitting of tender quantity shall be done as per the ratios mentioned below with maximum four bidders: <table><tr><td>For four bidders</td><td>40%, 25% , 20% & 15%</td></tr><tr><td>For three bidders</td><td>50%, 30% & 20%.</td></tr><tr><td>For two bidders</td><td>60% & 40%.</td></tr><tr><td>For single bidder</td><td>100%. (If no other bidder accepts counter offer)</td></tr></table> Splitting of load will be done with more than 4 bidders or at different percentage considering the bidders’ monthly production capacity limitations /availability and distribution may be extended to other bidders considering their ranking. Splitting quantum may be limited considering the bidder’s monthly production capacity agreed by BHEL. In the event of capacity limitation, distribution of tendered quantity by splitting may be extended to other bidders, considering their capacity and ranking.	For four bidders	40%, 25% , 20% & 15%	For three bidders	50%, 30% & 20%.	For two bidders	60% & 40%.	For single bidder	100%. (If no other bidder accepts counter offer)	
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For two bidders	60% & 40%.									
For single bidder	100%. (If no other bidder accepts counter offer)									
10	Quantity mentioned against each item may vary. In such case, bidder shall be informed about the variation in quantity and subsequently bidder shall be asked to submit price impact if any in % of quoted price before opening of price bid.									
11	Tender shall be processed by E-Procurement Mode. (Pl refer Guidance to bidders enclosed). Please click this link to take you to the procurement site - https://bheleps.buyjunction.in, you will be required to log in with user code and password allotted to you. (contact Mjunction) You may please contact m/s. Mjunction services ltd in case if you have not been activated on eps (enterprise procurement system) or if you have not received login user code/ password. Email at eps.customer@mjunction.in, else call at 033-66106426/66106454/9163348104/9231027017 (10 am to 06 pm).									
12	In addition to BHEL evaluation of techno-commercial bids, Customer approval is required for acceptable of bids. (if required) Customer approved bidders will only be considered for further price evaluation.									

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13	EVALUATION OF BIDS Vendor is expected to quote for all the 5 item No.s covered in the price bid Annexure-B. Ordering will be done only for item no.s 1 to 3 .The price quoted for item no. 4&5 will be used to calculate total cash outflow(as per formula given below) to BHEL inclusive of external painting for item no.s 1 to 3 for the purpose of ranking the vendor :- Item No. 1 - Netcashoutflow of item no. 1 +(netcashoutflow of item no. 4 *97% +netcashoutflow of item no. 5 *3%) Item No. 2 - Netcashoutflow of item no. 2 +(netcashoutflow of item no. 4 *82% +netcashoutflow of item no. 5 *18%) Item No. 3 - Netcashoutflow of item no. 3 +(netcashoutflow of item no. 4 *98% +netcashoutflow of item no. 5 *2%) BHEL reserves the right to finalize the prices through Reverse Auction or sealed envelope bid opening and the same shall be intimated to Bidders after technical scrutiny of the offers.	
14	VALIDITY OF THE OFFER: The quotation shall be valid at least for a period of 90 days from the date of technical bid opening / 60 days from the date of final reverse auction/price bid opening. Offer with lesser validity may not be considered.	
15	DELIVERY SCHEDULE: - 5 months from PO date	
16	TERMS OF DELIVERY: - F.O.R ENNORE SEZ PROJECT Site basis: - Dispatch of items shall be made to Ennore project Site based on Delivery instructions by BHEL-PC.	
17	GUARANTEE: Bidders shall guarantee the supplies for a period of 36 months from the date of dispatch of materials or 18 months from the date of their commissioning whichever is earlier. To this effect a Guarantee certificate should be sent along with the dispatch documents in the event an order is placed on you. Material shall be guaranteed against manufacturing defects or faulty workmanship for a period of 36 months from the date of receipt of pipes and other items with coating at project site. Any defect noticed during this period shall be repaired/replaced free of cost, to the satisfaction of BHEL and the End User. No deviation in this regard shall be accepted. Pipe Bidder shall cover the guarantee for both pipe and coating. Pipe Bidder shall take necessary guarantee certificate of the coating from the coating manufacturer. PERFORMANCE BANK GUARANTEE Bank Guarantee for 3% of PO Value shall be submitted valid up to the end of guarantee period. (Mandatory clause for acceptance of bid. Else bid is liable for rejection)	

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18	LIQUIDATED DAMAGES Where the vendor supplies the finished goods beyond the specified delivery period, liquidated damages at the rate of 0.5% of the total value of the Purchase order for each week or part thereof will be levied subject to a maximum of 10% of total PO value without prejudice to any other relief or compensation to BHEL, under any other condition of the contract and applicable laws.	
19	RISK AND COST CLAUSE : Your confirmation to our risk and cost clause as per NIT clause 7 of General requirements (Page No. 12 of 21).	
20	TERMS OF PAYMENT: No advance payment shall be made by BHEL. 100% payment after 45 days after receipt of materials at site & Performance bank guarantee of 3% of PO Value valid untill guarantee period: Payment shall be made after dispatch of consignments against presentation of following documents to our Finance Department. a) Commercial Invoice in triplicate b) Delivery Challan in triplicate c) Guarantee certificate. d) Lorry Way Bill (Original + Three copies) e) Site Ack. Lorry Way Bill (Original + Three Copies) f) Inspection reports g) GST invoice with a confirmation that the duplicate for transporter is sent with the goods. Soft copy of Invoice and LR should be sent immediately after dispatch by e-mail/ uploaded in B2B portal. Hard copy should be sent subsequently at the earliest possible time. One original + two copies of Quality Documents, as called for in the quality plan/Purchase order shall be sent to Outsourcing / Piping centre BHEL Chennai immediately after the shipment / despatch of Items for purpose of processing the vendor bills. All the quality documents are to be submitted in soft copy apart from the hard copy, as above.	
21	INTEGRITY PACT – Format being sent. Your bid will be considered only after signing and submitting the Integrity pact THIS TENDER WILL BE MONITORED BY INDEPENDENT EXTERNAL MONITOR (IEM). DETAILS OF IEM ARE AS GIVEN BELOW – Shri D.R.S Chaudhary, IAS (Retd.) ,E-1/164 Arera Colony, Bhopal 462016 E-mail :: dilip.chaudhary@icloud.com	
22	This is to bring in your attention that information regarding ‘Guidelines for Suspension of Business Dealings with Suppliers/ Contractors’ is now available on www.bhel.com on “supplier registration page”. Bidders are requested to go through these guidelines.	

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23	The Bidder along with its associate/ collaborators/ sub-contractors/ sub-Bidders/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website http://www.bhel.com and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.	
24	GENERAL: - i. The PO copy with all details will be given to successful bidders in soft mode also. ii. Acknowledgement for receipt of PO shall be sent within one week from the date of receipt. iii. BHEL reserves the right to cancel this tender without assigning any reasons what so ever. iv. Deviation taken after placement of order will not be accepted (Both technical as well as on delivery) v. Suppliers to analyze in detail, at the time of submission of offer with reference to our “delivery” requirement of item and confirm compliance. vi. Lowest prices received against BHEL tenders does not mean order will be placed on that Supplier. BHEL reserves the right not to consider the same. vii. BHEL reserves the right to negotiate or re-float the tender opened if L1 price /or other details are not acceptable to them viii. BHEL reserves the right to order on more than one Bidder at the lowest acceptable price to BHEL. ix. Any other terms or conditions mentioned in your offer other than the above mentioned formats will not be evaluated and will be considered null & void. Hence your offer shall contain ONLY the above mentioned formats. x. For verification of data submitted towards evaluation of bidder's capability, BHEL may decide to visit the bidder(s) works. Any fact found deviating from submitted data shall make the bidder liable to be disqualified. xi. In the event of newly approved vendor becoming the successful bidder, manufacturing process of first lot of Pipes from raw material stage to end product with coating shall be witnessed by BHEL inspection. Balance PO quantity can be taken up for manufacture only after inspection and clearance of the first lot by BHEL. BHEL reserves the right to cancel the order if the trial quantity is not meeting our requirement.	

Note: Please confirm your acceptance/other wise to all the points indicated above positively and submit this format duly filled, signed & stamped along with the technical bid.

BIDDERS SIGNATURE & SEAL