


**BHEL-PEM-MAUX**  
**PRE-QUALIFICATION CRITERIA**

	<b>PACKAGE: PRETREATMENT PLANT</b>  <b>PRE-QUALIFICATION REQUIREMENT</b>	PE-PQ-999-158-A001	
		DATE	29/04/2016
		REV NO	00

1.0	<p>Supplier should have capabilities for design/ manufacture and having in-house/ out-sourced facility for testing of Pre-treatment Plant.</p> <p>Pre-treatment Plant minimum output capacity of each clarifier / clarifloculator of 750 m3/hr with associated mechanical &amp; dosing system capable of producing outlet quality with suspended solid / turbidity less than equal to 15 PPM/NTU.</p>
2.0	<p>The supplier has to submit either of following supporting documents meeting above mentioned pre-qualifying requirement</p> <ul style="list-style-type: none"> <li>a. Copy of minimum one (1) performance certificate in English from end user along with copy of related Purchase Order (PO) or letter of intent (LOI) or letter of award (LOA) or work order (WO) specifying that the system/package is running successfully for one (1) year from date of commissioning meeting the minimum pre-qualifying requirement. OR</li> <li>b. Minimum two PO/ LOI /LOA/ WO placed with a minimum gap of one (1) year from same purchaser meeting the minimum pre-qualifying requirement. OR</li> <li>c. Minimum one PO/ LOI /LOA/ WO after commissioning of first order from same purchaser meeting the minimum pre-qualifying requirement. OR</li> <li>d. In case, vendor has executed contract (s) for BHEL-PEM, internal assessment by BHEL-PEM shall be followed for evaluation for satisfactory performance. For this, vendor to submit the request along-with relevant documents. OR</li> <li>e. Minimum three customer's/ third party's inspection reports/ test certificates/commissioning certificates meeting the minimum pre-qualifying requirement.</li> </ul>
3.0	<p>Minimum two (2) nos. Purchase orders, shall be submitted which should not be more than twenty (20) years old as on date of bid submission, for establishing continuity in business.</p>

In case supplier is not OEM the offer shall be evaluated as per point no 1 of general PQR enclosed as Annexure-A

## General Points of PQR

1. Offers of the JV companies/ Joint Bidders/ bidders having collaboration/ licensing agreement/ MOU/ Indian subsidiaries shall be evaluated as follows:
  - a. If bidder happens to be an Indian subsidiaries of foreign OEM, then the credentials of the foreign OEM can also be considered for meeting PQR.
  - b. If bidder happens to be the Joint Venture Company, then the credentials of any of JV partners can be also considered for meeting PQR.
  - c. If bidder happens to bid jointly with their partner, then credentials of both the partners will be considered for meeting PQR as per distribution of the work. In all such cases, lead bidder as specified in bid documents shall be responsible for overall execution of the contract and all guarantee/ warranty.
  - d. If bidder happens to be the having valid collaboration agreement/ MOU/ licensing agreement with some other company, then the credentials of collaborator/ MOU partner/ licensing company can also be considered for meeting PQR.

Note: If bidder(s) qualifies on the basis of credentials of his principal/ JV partner/ Collaborator/ joint bidder etc., then the principal/ JV partner/ Collaborator/ MOU partner/ joint bidder shall be responsible for overall design vetting and warranty/ guarantee of the package. The scope matrix clearly defining their respective roles including design vetting, manufacturing of critical component, E&C etc. etc. and warranty/ guarantee shall be submitted along with the offer.

2. Bidder to note that the arrangement of bidding (joint bid partners/ collaborator/ MOU partner/ licensing company etc.) once offered to BHEL as a part of bidding documents cannot be changed till the execution of the project.
3. Consideration of offer shall be subject to customer's approval of bidders, if applicable.
4. Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a self-attested English translated document should also be submitted.
5. Any other project specific requirement shall be as per Annexure-I and bidder shall submit relevant supporting documents.
6. Notwithstanding anything stated above, BHEL reserves the right to assess the capabilities and capacity of the bidder/collaborators to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL.
7. After satisfactory fulfillment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender.

PRICE FORMAT												
NAME OF PROJECT:		2X660 MW ENNORE SEZ STPP, CHENNAI			Vendor Name							
NAME OF PACKAGE:		PRE TREATMENT PLANT										
TECHNICAL SPECIFICATION:		PE-TS-412-158-A002										
SCOPE				Supply			Service		Taxes			
S. No.	DESCRIPTION	UNIT	QTY	Total Ex-Works (excluding GST) (INR)	Freight in %	Total Freight	Unit Price (INR)	Total Price (INR)	GST type	GST rate in %	GST amount in Rs.	Total Price Including Freight & GST (INR)
1.0	Total lump sum firm price for <b>SUPPLY PART, SERVICES PART [INCLUDING SUPERVISION OF ERECTION AND COMMISSIONING INCLUDING ASSEMBLY AT SITE FOR ONE FIFTY (150) MANDAYS] &amp; MANDATORY SPARES</b> comprising of design (i.e. Preparation and submission of drawing/ documents including " As Built " drawings and O&M Manuals), engineering, manufacture, fabrication, assembly, inspection & testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of Chemicals, lubricants & consumables, spares for erection, start up and commissioning as required, forwarding, proper packing, shipment and delivery at site, <b>Supervision of erection &amp; commissioning including assembly at Site</b> , carrying out Trial Run and Performance Guarantee test at site, training of customer/ client O&M staff & final handing over to end customer in flawless condition for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1									₹ -
2.0	<b>MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.</b>											
2.1	Total lump sum firm price for <b>SUPPLY PART</b> comprising of manufacture, fabrication, assembly, inspection & testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables (including chemicals), along with spares for erection ,start up and commissioning as required, forwarding, proper packing, shipment and delivery at site for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1			₹ -	NA				₹ -	₹ -
2.2	Total lump sum firm price for <b>SERVICES PART</b> comprising of carrying out <b>Trial Run and Performance Guarantee test</b> at site , training of customer/ client O&M staff & final handing over to end customer in flawless condition for project and package specified complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1	NA				₹ -			₹ -	₹ -
2.3	Total lump sum firm price for Mandatory spares comprising of manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee as per BHEL NIT & tender technical specification, amendment & agreements till placement of order. <b>(Price break up of mandatory spares is to be furnished as per Annexure- I).</b>	Set	1	₹ -		₹ -	NA				₹ -	₹ -
2.4	Supervision of Erection and Commissioning including assembly at site (By Experienced/Capable Engineer). Lump sum supervision charges for <b>Three (3)</b> visits each of <b>Fifty (50) mandays</b> to <b>Supervise in Erection and Commissioning including assembly at site</b> in totality [Total <b>One Fifty (150) mandays</b> in <b>Three (3)</b> visits excluding the travel time]. The prices for Visit shall be inclusive of charges of Air-Fair/Rail-Fair, Boarding/Lodging, local conveyance, medical, Insurance etc. <b>(Price break up is to be furnished as per Annexure- II).</b>	Set	1	NA			₹ -	₹ -			₹ -	₹ -

Annexure-I (List Of Mandatory Spares)			
NAME OF PROJECT:		2X660 MW ENNORE SEZ COAL BASED STPP	
NAME OF PACKAGE:		PRE-TREATMENT PLANT	
Sl. NO.	PARTICULARS	QUANTITY	Total Ex-Works Price (INR)
<b>1.0</b>	<b>CIRL DIAPHRAGM VALVE</b>		
1.1	Complete valve	Two (2) Nos. each of different size of valve in the system	
1.2	Diaphragm	Five (5) Nos. each of different sizes valves	
1.3	Valve spindle	Two (2) Nos. each of different sizes valves	
<b>2.0</b>	<b>Other type valve (except Control Valve )</b>		
2.1	Complete valve	One (1) No. each of different size of valve in the system	
2.2	Sampling & needle valve	Four (4) Nos. each type & size	
<b>3.0</b>	<b>Pressure Gauge</b>	Two (2) Nos. for each Range/Type	
<b>4.0</b>	<b>Level Gauge</b>		
4.1	Glass Tube	Five (5) Nos. for each size	
4.2	Off-set valve	Two (2) Nos. for each size	
<b>5.0</b>	<b>Level Switch (conductivity type)</b>		
5.1	Float & Rod Float & Rod	One (1) No. for each size	
5.2	Switch Assembly	One (1) No. for each size	
<b>6.0</b>	<b>Clariflocculator Bridge</b>		
6.1	Worm gearbox	One (1) No.	
6.2	Shaft for trailing wheel	One (1) No.	
6.3	Flocc. Drive head complete with bevel & pinion set.	One (1) No.	
6.4	Central bearing housing complete.	Two (2) Sets	
6.5	Current collectors.	One (1) Set	
6.6	Weir with stuffing box.	One (1) No.	
6.7	Bearing; Impeller with shaft & gear unit for each type and size of air blowers.	Two (2) Sets	
6.8	Floats for each size and type with links & levers	Two (2) Sets	
6.9	Bearings & brake linings for each type & rating of hoists.	Two (2) Sets	
6.10	Rope grid & complete length of wire rope for each type of hoists rating	One (1) No.	
6.11	Bearings; shaft sleeve; impeller; and mechanical seal for each type & duty parameters of pump sets.	One (1) set each	
6.12	Controller valve assembly complete.	Two (2) No.	
6.13	Periphery drive worm gearbox coupling.	Two (2) No.	
<b>7.0</b>	<b>415 V Motors</b>		
7.1	Terminal plates	10 Nos. each for small motors upto 30 kW & 4 Nos. each for more than 30 kW	
7.2	Heaters	2 sets	
7.3	Greasing arrangements	4 sets each type of motor	
7.4	Motor of each type and rating	10% of the installed quantity or minimum 1 number whichever be higher	
7.5	Bearings (DE and NDE) for each type and rating of motor	4 sets	
<b>8.0</b>	<b>BATTERY</b>		
8.1	Battery cell	10 nos.	
8.2	MT cell container of each type	10 nos.	
8.3	Level indicator	6 nos.	
8.4	Vent plugs	12 nos.	
8.5	Inter-cell connector	10 nos.	

SI. NO.	PARTICULARS	QUANTITY	Total Ex-Works Price (INR)
8.6	Set of nuts, bolts and washer	12 nos.	
11.0	Each type of lamps, PBs, ILPBs, fuse, MCB, MCCB used in the equipment/system.	20% of Installed of each type.	
12.0	<b>Measuring Instruments</b>		
12.1	<b>Indicators, Recorders, Electrical Metering and Skid Mounted Instruments</b>		
12.1.1	Indicators, recorders and meters offered from each model for the project. These instruments shall be supplied with three sets of blank scales.	10 % of Installed of each type/Model or a minimum of one number for each model and type, whichever is more.	
12.1.2	For skid mounted instruments (As applicable)	10% of total number of instruments for each Type and model or a minimum of one number for each model and type, whichever is more.	
12.1.3	Temperature Transmitters and Electronic Transmitters (For Pressure, DP, Temp, Flow, Level), Temperature, Pressure, Flow & Level Switch, safety switches, Gauges, meters, Transducer or any other instrument etc.	10% of total number of Instruments/transducers offered for each model and type for the project or a minimum of one number, whichever is more.	
13.0	<b>Erection hardware</b>		
13.1	Instrument valves	Ten (10) percent of each type & Size installed	
13.2	Condensate pots of each type & Size installed	Ten (10) percent of total number of Installed or four numbers whichever is higher .	
13.3	Manifold	Ten (10) percent of each type & Size installed	
13.4	Fittings	Ten (10) percent of each type & Size installed	
14.0	<b>Control valves, Power Cylinder, Control Dampers, Actuators and Accessories</b>		
14.1	Following spares shall be provided for control valves, Power Cylinder, Control Dampers as applicable.		
14.1.1	One set of spare control valve stem packing for each control valve.		
14.1.2	Two moulded rubber diaphragms for each control valve.		
14.1.3	One sets of each of O-rings and rubber gaskets for each control valve.		
14.1.4	100 percent qty. of lubricants for gaskets for each control valve on one year consumption basis.		
14.1.5	2 sets of limit switches and 1 set of valve positioner for each control valve.		
14.1.6	20% of position transmitter (4-20mA) for total qty. of control valve.		
14.1.7	One (1) set of valve trims (such as plug, stem, seat ring /cage, guide bushing, stem lock pin, packing retaining ring, etc) for each control valve.		
14.1.8	One completes actuator of each type or min 10% for each type and size whichever is more.		
14.1.9	20% of Solenoid valves or min 2 no. of each type for total qty. of control valves.		

SI. NO.	PARTICULARS	QUANTITY	Total Ex-Works Price (INR)
14.1.10	20% of I to P converters, Pressure regulators.		
15.0	10% or 1 no. (whichever is more) of each type of sensor/instrument, instrumentation/mechanical fittings etc for any other electronic system.		
Total			₹ -
<b>Notes:</b> 1) Mandatory spares listed above is bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender specification apart from specified above, same shall be deemed to have been covered in bidders scope of supply. 2) Unless stated otherwise, a "set" or "Lot" means items required for complete replacement in one equipment of each type/ size/ range. 3) In case of Bought Out items, itemised spares list may be vendor specific and may differ from the list of spares mentioned above. In such cases, the quoted price shall be considered for applicable items only without any change in the contract price. 4) In case spares indicated in the list are not applicable to the particular design offered by the bidder, the bidder should offer spares applicable to offered design with quantities generally in line with the approach followed in the above list. 5) Any item which is quoted as "not applicable" in the above list and is found to be "applicable" at a later date shall be supplied by the Bidder without any commercial implications.			

ANNEXURE-II					
NAME OF PROJECT:		2X660 MW ENNORE SEZ STPP, CHENNAI			
NAME OF PACKAGE:		PRE TREATMENT PLANT			
S. No.	DESCRIPTION	UNIT	QTY	UNIT RATE (INR)	TOTAL RATE (INR)
	<b>PRICE BREAK-UP OF SUPERVISION OF ERECTION AND COMMISSIONING GIVEN IN</b>				
<b>2.4</b>	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for <b>Supervision of Erection and Commissioning including assembly at site</b> (By Experienced/Capable Engineer). Lump sum supervision charges for <b>Three (3) visits</b> each of <b>Fifty (50) mandays</b> to <b>Supervise in Erection and Commissioning including assembly at site</b> in totality [Total <b>One Fifty (150) mandays</b> in <b>Three (3)</b> visits excluding the travel time]. The prices for Visit shall be inclusive of charges of Air-Fair/Rail-Fair, Boarding/Lodging, local conveyance, medical, Insurance etc.	Lot	1		₹ -
2.4.1	LUMP SUM CHARGES PER VISIT FOR ENGINEER (EXCEPT DAILY CHARGES)	Visit	3		₹ -
2.4.2	LUMP SUM DAILY CHARGES FOR ENGINEER	Days	150		₹ -
Note: 1. AMOUNT PAYABLE FOR ENGINEER PER VISIT TO SITE =VISIT CHARGES AS PER SL. NO. 2.4.1 ABOVE + (DAILY CHARGES AS PER SL.NO. 2.4.2 ABOVE X NO. OF DAYS AT SITE) (TO BE CERTIFIED BY BHEL SITE).					

### **PRICE ADJUSTMENT FOR SUPPLY AND MANDATORY SPARES**

- (i) The Contract price shall be subject to price adjustment during performance of the Contract to reflect changes in the cost of labour and material components in accordance with the provisions described below:
- (ii) The price adjustment provisions shall be applicable separately for price components relating to Supply of Equipment as per price break-up furnished in the Technical Specification.
- (iii) Only following components of the Contract Price will be subject to Price adjustment:
  - (a) Ex-Works supply price of Plant and Equipment including commissioning spares, Mandatory spares.
- (iv) Price adjustment amounts towards aforesaid components of Contract Price shall be paid in the respective currencies of Contract (INR).
- (v) The indices for price adjustment shall be as elaborated hereunder.
- (vi) The price adjustment formula for the components of the Contract Price, as mentioned at Sl.No. (iii) above, shall be as stipulated hereinafter.
- (vii) **Ex-Works Price Component of Plant and Equipments including commissioning spares, Mandatory Spares.**

It is understood that the price component of the equipments for any shipment/despatch comprises of a fixed portion (designated as 'F' and the value of which is specified hereunder) and a variable portion linked with the indices for various materials and labour (description and co-efficient as enumerated below).

The amount of price adjustment towards variable portion payable/recoverable on each shipment/despatch shall be computed as under:

$$EC = EC1 - EC0$$

EC1 will be computed as follows:

$$EC1 = EC0 \{F + a \times A1 / A0 + Lb \times L1 / L0\}$$

Where

EC = Adjustment to Ex-Works supply Price Component expressed in the currency of The Contract (INR) payable to the contractor for each shipment/despatch.

EC1 = Adjusted Amount of Ex-Works supply Price Component expressed in the currency of the Contract (INR) payable to the Contractor for each shipment/despatch.

EC0 = Ex-Works supply Price for the plant and equipments in the currency of the Contract (INR), shipment/despatch wise.

- F shall be fixed portion of the Ex-Works Component of the Contract and shall be considered as 0.15.



- a shall be co-efficient of major materials/items involved in the Ex-Works Component of the Contract Price and shall be considered as 0.55.
- 'A' shall be published price indices of corresponding major materials/items.

Case 1: 'A', in case of all applicable supply part / component/ items etc. index for "Manufacture of Fabricated Metal Products, Except Machinery and equipment" shall be used as published by Ministry of Commerce & Industry, GOI base year 2011-12=100

- 'Lb" shall be co-efficient for labour component in the Ex-Works Component of the Contract Price which shall be considered as 0.3.

'L' shall be consumer price index number for industrial workers (All India average) as published by Labour Bureau, Shimla/RBI Base year 2016=100.

For the indices, subscript '0' refers to indices as on date of completion of delivery as per LOA.

Subscript '1' refers to indices as on date of shipment/despatch.

Note:

- 1) PVC shall be applicable only beyond original overall completion schedule as per LOA. PVC (Positive) shall be applicable only if the delay is not attributable to contractor/ vendor. However even if the delay is attributable to vendor/BHEL then also the negative price variation shall be passed on to BHEL.
- 2) The price variation shall be limited to (+) 10% of Ex-Works Supply Price including commissioning spares, Mandatory spares.

### **PRICE ADJUSTMENT FOR SERVICE PART (E&C/SUPERVISION OF E&C)**

- (i) The Contract price shall be subject to price adjustment during performance of the Contract to reflect changes in the cost of labour in accordance with the provisions described below:
- (ii) The price adjustment provisions shall be applicable for price components relating to service part (E&C) as per price break-up furnished by the Contractor.
- (iii) Only following components of the Contract Price will be subject to Price adjustment:
  - (a) Service part (E&C) component of Contract Price.
- (vi) The indices for price adjustment shall be as elaborated hereunder.
- (v) The price adjustment formula for the components of the Contract Price, as mentioned at Sl.No. (iii) above shall be as stipulated hereinafter.

#### **a) Indian Rupee Portion of the Installation Services**

ER = ER1 – ER0

ER1 will be computed as follows:

$$\mathbf{ER1 = ER0 (0.15 + L_b \times (L_1 / L_0))}$$

Where:

ER = Adjustment to Erection & Commissioning price component of contract price expressed in Indian Rupees payable to the contractor for each billing.

ER1 = Adjusted amount of Erection & Commissioning price component of contract price expressed in Indian Rupees payable to the Contractor.

ER0 = Value of the Erection & Commissioning work done in the billing period, which shall be calculated as under:

For the purpose of computing ER0, each Erection & commissioning bill (service part) during the E & C period up to the 'Completion of the Facilities' shall be calculated as described in this document.

L<sub>b</sub> – Coefficient of labour (for all categories) content in the Indian Rupee portion of the erection & commissioning =0.85

L=Indian field labour index namely, all India consumer price index for industrial workers (All India Monthly Average) as published labour bureau, Shimla, Government of India.

For the indices, subscript '0' refers to indices as on date of completion of delivery as per LOA.

Subscript '1' refers to indices as applicable for the month of execution of the E&C work




Note:

1) PVC shall be applicable only beyond original overall completion schedule as per LOA. PVC (Positive) shall be applicable only if the delay is not attributable to contractor/ vendor. However even if the delay is attributable to vendor/BHEL then also the negative price variation shall be passed on to BHEL.

2) The price variation shall be limited to +10% of total E&C price (excluding taxes).

**SPECIAL CONDITIONS OF CONTRACT (REV 02)**  
**FOR 2X660 MW ENNORE SEZ COAL BASED STPP AT ASH DYKE OF**  
**NCTPS,CHENNAI,JOB NO 412**

These Conditions shall be read in conjunction with General Condition of Contract (GCC) enclosed along with the tender enquiry. In case of any conflict or inconsistency, the requirement of SCC shall prevail over the GCC.

1.0	Project Name	2X660 MW ENNORE SEZ COAL BASED TPP.
2.0	Ultimate Customer	Tamil Nadu Generation and Distribution Corporation(TANGEDCO)
4.0	Location of Plant	<b>VAYULUR VILLAGE,CHENNAI-120</b> <b>LATITUDE:13°17' N TO 13°18' N</b> <b>LONGITUDE 80 18 E TO 80 19 E</b> <b>Nearest Airport:</b> Chennai Airport -60KM <b>Nearest Railway Station:</b> Athipattu Pudunagar(approx. 5 Kms) <b>Nearest Road:</b> 5 KM ROAD From Pattamandiri To Site On Thiruvottiyur-Ponneri District Highway. <b>Nearest Sea Port :</b> Kamarajar Port Ltd (Formerly Ennore Port Limited).
3.0	Delivery Address (Ship To) 	Construction Manager, BHARAT HEAVY ELECTRICALS LIMITED,SITE OFFICE NCTPP STAGE II & 2X660 MW ENNORE SEZ STPP ATHIPATTU,CHENNAI-120
5.0	Consignee Address (Bill To) 	BHEL, POWER SECTOR - PROJECT ENGINEERING MANAGEMENT, POWER PROJECT ENGINEERING INSTITUTE, PLOT NO.25, SECTOR-16A, NOIDA-201301 STATE-UTTAR PRADESH
	Notes:	<ol style="list-style-type: none"> <li>1. Consignee address (BILL To) in invoice &amp; LR should be strictly as per Sl. No. 05.</li> <li>2. Delivery Address (Ship to) in invoice and LR should be as per Sl no 04.</li> <li>3. Invoice should clearly specify "Billing from" and "Shipping from" addresses.</li> <li>4. Vendor to note that to effect "Sale in Transit", BHEL shall issue "Delivery Order" to the Transporter for transferring the ownership from BHEL to customer (TANGEDCO).</li> <li>5. It is Vendor's responsibility to ensure availability of trucks well in advance for dispatch of material to meet contractual delivery requirement.</li> <li>6. Delivery Order shall be carried by transporter along with other dispatch documents.</li> </ol>
6.0	Buyer and Paying Authority 	Packages for which PO is placed by BHEL-PEM. Buyer and Paying Authority shall be <b>BHEL-PEM,Noida</b> . Packages for which PO is placed by BHEL-PSSR & LOA is issued by BHEL-PEM - Buyer and Paying Authority shall be <b>BHEL-PSSR,Chennai</b> .
7.0	Mode of Dispatch	By Road/Rail/Sea on Door Delivery and freight Pre-Paid Basis.
8.0	Road Permit / E-waybill 	To be arranged by Supplier, if required

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*9/11/17*




**SPECIAL CONDITIONS OF CONTRACT (REV 02)**  
**FOR 2X660 MW ENNORE SEZ COAL BASED STPP AT ASH DYKE OF**  
**NCTPS, CHENNAI, JOB NO 412**

9.0	Transit Insurance	<b>In BHEL Scope.</b> Vendor shall inform the following details of dispatches to the Underwriter (refer details below) under intimation to BHEL-PEM and BHEL Site office: (1) Policy No. (2) Consignee Name. (3) Consignment Details (items with their weights and value (in INR)). (4) Project Name and P.O. No. (5) LR No. and date, Despatch origin and destination details, Inv. No.
	Policy No.	SCE - 500300/44/15/04/40000004 MARINE - 500300/21/15/02/00000005 Policy period : 15/04/2015 - 14/04/2018
	Name of the insurance company details:	Mr. Ashim Mukherjee (CRM) United India Insurance Co. Ltd -New Delhi(UIIC) (A company wholly owned by Govt. of India) D-24 & E-25, 2nd Floor, Himalaya House, 23, KG Marg, New Delhi, Pin - 110001. Mb. No. 09899720652, Telephone no.: 01123318077, 41521760 E-mail id: (akmukherjee@uiic.co.in, corpdelldel@uiic.co.in)
10.0	BHEL PEM GST Registration No.	BHEL-PEM: 09AAACB4146P2ZC <span style="float: right;">2</span>
11.0	Ultimate Customer GST & PAN NO	TANGEDCO PROVISIONAL GST REGN NO. - 33AADCT4784E1ZC PAN NO: AADCT4784E <span style="float: right;">2</span>
12.0	Unloading, Storage and Movement of Material within Site	- By BHEL site office for Supply packages. (The Vendor shall furnish LR wise Gross Wt. and net weight of the consignment in attached format annex-II for the purpose of handling the consignment by BHEL site loading/unloading contractor).  - By Vendor for Turnkey i.e. Supply and Erection & Commissioning Packages.
13.0	Provision of facilities at Site (Applicable for Turnkey Packages)	<b>Construction Power:</b> HT POWER SUPPLY (33KV/433 V OR 11KV/433V) shall be made available for erection work at the rates prevailing at the time of usage on chargeable basis as per HT tariff V (temporary construction supply) rates applicable as per TNERC tariff order. <b>Fuel and start up power required during testing, PG testing, retesting etc. shall be provided at free of cost.</b> <b>Construction Water:</b> Construction water shall be available at one point within the plant boundary on chargeable basis subject to availability.
14.0	Inspection Agency (Domestic & Imported supplies)	Later


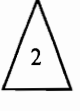
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**SPECIAL CONDITIONS OF CONTRACT (REV 02)**  
**FOR 2X660 MW ENNORE SEZ COAL BASED STPP AT ASH DYKE OF**  
**NCTPS, CHENNAI, JOB NO 412**

15.0	Dispatch Documents required (to be furnished by Vendor for payment)	<p></p> <p><b>1. For materials originating from non-Indian Territory</b></p> <p>(a). Three (3) original and Seven (7) copies of clean bill of lading or One (1) clean original Airway Bill &amp; Four (4) copies, in case of air freight.</p> <p>(b). One (1) original and Six Copies (6) copies of signed Invoices</p> <p>(c). One (1) original and Seven (7) copies of Packing List (clearly showing number of packages, gross weight and net weight).</p> <p>(d). Six (6) copies of certificate of country of origin.</p> <p>(e). Eight (8) Copies of Customer/BHEL MDCC.</p> <p>(f). Six (6) copies of inspection certificate, if any, issued by the customer/his authorised representative.</p> <p>(g). Six (6) of certificate from the vendor to the effect that drawings and catalogues for customs clearance purpose have been kept with the packages for shipment.</p> <p>(h). Six (6) copies of certificate from the vendor to the effect that the contents in each case are not less than that entered in the invoices and guaranteed as new and as per the relevant technical specifications.</p> <p>(i) Shipping Specification – One (1) copy.</p> <p>(j). Quality Certificate – One (1) copy.</p> <p>(k). Approved Test Certificates, if any. - Six (6).</p> <p>(l). Guarantee Certificate – One (1) Original + One (1) copy.</p> <p>(m). Inspection Reports – One (1) Original + One (1) copy.</p> <p>(n). PVC Calculation and copy of all applicable indices, if PVC applicable. – Two (2) copies.</p> <p><b>2. For Claiming Dispatch payments (for materials originating from Indian territory), Freight, MRC &amp; Services Payments - refer GCC &amp; GCC CORRIGENDA.</b></p>
16.0	Material Receipt Certificate (MRC)	<p><b>For Packages wherever E&amp;C is in the scope of Vendor</b>, The vendor shall arrange Material Receipt Certificate from the project site, duly signed by Customer and BHEL-Site after receipt &amp; physical verification of the material at site.</p> <p><b>For Supply Packages</b>, Material Receipt Certificate shall be arranged by BHEL-PEM. Vendor to provide copy of receipted LRs to enable BHEL-PEM to obtain MRC from site.</p>

*Anurag*  
9/11/17

**SPECIAL CONDITIONS OF CONTRACT (REV 02)**  
**FOR 2X660 MW ENNORE SEZ COAL BASED STPP AT ASH DYKE OF**  
**NCTPS, CHENNAI, JOB NO 412**

17.0	<p>Taxes &amp; Duties (For Domestic Bidder)</p> 	<p>All bidders/vendors to note that this project is a Non-Mega power Project. However Essentiality certificate shall be issued by TANGEDCO (customer) for availing concessional custom duty under <b>Project Import Regulations</b>.</p> <p>Essentiality certificate shall be issued by TANGEDCO through BHEL for the items to be imported by the vendor for specified items, limited to CIF content mentioned in the offer/order, for availing concessional custom duty.</p> <p>The bidder has to indicate in their offer, the import contents (if any) i.e. list of items along with qty., currency of import, country of import &amp; CIF value.</p> <p>The benefits availed in concessional custom duty must be passed onto BHEL in their offer.</p> <p>Availability of CIF for packages, if any, shall be intimated in NIT.</p> <p>Bidders has to note that in order to derive the total Landed Cost to BHEL, evaluation shall be done excluding GST quoted by bidders.</p> <p>However, same shall be re-confirmed during techno-commercial evaluation of bids</p>
18.0	<p>Taxes &amp; Duties (For Order Directly to Foreign Bidders)</p> 	<p>In case of Order on foreign Vendor, the dispatches shall be on C&amp;F basis and Taxes &amp; Duties in the country of dispatch (origin) shall be borne by Foreign Bidder &amp; to be accounted in the prices quoted to BHEL/PEM/NOIDA.</p> <p>Evaluation shall be done as per provisions of GCC and its corrigendum, if any.</p>

*Sharma*  
8/11/17



**SPECIAL CONDITIONS OF CONTRACT (REV 02)**  
**FOR 2X660 MW ENNORE SEZ COAL BASED STPP AT ASH DYKE OF**  
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19.0	Packing, Identification & marking [if not specified in NIT]	<ul style="list-style-type: none"> <li>The supplier shall include and provide for securely protecting and packing the materials so as to avoid loss or damage during handling &amp; transport by air, sea, rail and road.</li> <li>All packing shall allow for easy removal and checking at site. Special precaution shall be taken to prevent rusting of steel and iron parts during transit by sea. Gas seals or other materials shall be adopted by the Contractor for protection against moisture during transit.</li> <li>The number of each package in a shipment shall be shown in fraction, numerator showing number of the package and the denominator showing total number of packages in a lot / consignment. The packages number shall be generally prepared in the sequence in which they will be required for erection.</li> <li>Each package delivered under the Contract shall be marked by and at the expense of the supplier and such marking must be distinct and in English language (all previous irrelevant markings being carefully obliterated). Such marking shall show the description and quantity of contents, the name and address of consignee, the gross weight and net weight of the package, the name of the Contractor with a distinctive number of mark sufficient for purposes of identification. All markings shall be carried out with such materials as to ensure quickness of drying, fastness and indelibility. Each equipment or parts of equipment shall, when shipped or railed or otherwise dispatched be tagged with reference to the assembly drawings and corresponding part numbers. Each bale or package shall contain a packing note quoting specifically the name of the Contractor, the number and date of contract and the name of the office placing the contract, nomenclature of the stores and include a schedule of parts for each complete equipment giving the part numbers with reference to the assembly drawing and the quantity of each part, drawings nos. and tag numbers.</li> <li>Rotor bearings should not be used as a support while packing.</li> <li>Besides wherever necessary, packing shall bear a special marking "TOP", "BOTTOM", "DO NOT TURN OVER", "KEEP DRY", "HANDLE WITH CARE", etc.</li> <li>All packing cases, containers (excluding marine container), packing and other similar materials shall be new.</li> <li>Notwithstanding anything stated in this clause, the Contractor shall be entirely responsible for loss, damage or depreciation or deterioration to the materials &amp; supplies due to faulty and/or insecure packing.</li> </ul>
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*Sharma*  
9/11/17



**SPECIAL CONDITIONS OF CONTRACT (REV 02)**  
**FOR 2X660 MW ENNORE SEZ COAL BASED STPP AT ASH DYKE OF**  
**NCTPS, CHENNAI, JOB NO 412**

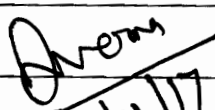
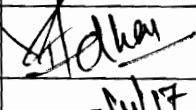
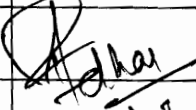
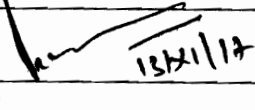
		<ul style="list-style-type: none"> <li>One copy of respective standard manufacturer's erection instruction/operation instruction manual shall be kept in each package/container for immediate reference.</li> <li>Each and every package box shall be marked with the following, as a minimum: <ul style="list-style-type: none"> <li>(i). Name and address of Consignee :</li> <li>(ii). Project reference :</li> <li>(iii). Contract No.:</li> <li>(iv). Packing No.: (1/10, 2/10, 3/10 ..... when there are 10 packages For one consignment)</li> <li>(v). Net Weight/Gross Weight :</li> <li>(vi). Port of Loading :</li> <li>(vii). Destination Port : Chennai</li> <li>(viii). Packing Mark : [symbols indicating "TOP" and other special markings as per clause 10.10.(4) &amp; 10.10.(6) above]</li> <li>(ix). Type of Equipment : <ul style="list-style-type: none"> <li>"E" (for Equipment supply)</li> <li>"T" (for Tools &amp; Tackles)</li> <li>"S" (for Mandatory Spares)</li> </ul> </li> </ul> </li> </ul> <p>Two copies of packing list should be kept in case/package No. 1 of each consignment of the goods and four copies in each case (three inside the box and one copy in a special packet at the outer side of the Box).</p>
20.0	Commissioning spares	<p>The commissioning spares shall be properly packed separately in separate box and each spare shall be properly tagged giving details (to match the description given in the packing slip) to facilitate their proper identification. Three copies of packing list is to be kept inside the box and one copy in a special packet at the outer side of the Box.</p>
21.0	Mandatory Spares	<p>The mandatory spares shall be properly packed separately in separate box indicating mandatory spares in bold letters and each spare shall be properly tagged giving details i.e item number of the equipment in line with the ultimate customer contract &amp; number per item (to match the description given in the packing slip) to facilitate their proper identification by ultimate customer M/s TANGEDCO.</p> <p>Three copies of packing list along with Manufacturing drawing no. Reference, Catalogue reference etc. is to be kept inside the box and one copy in a special packet at the outer side of the Box.</p>

*Overma*  
*9/11/17*





**SPECIAL CONDITIONS OF CONTRACT (REV 02)**  
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22.0	Submission of Final Drawing / Documents along with O&M Manual, Type Test Certificates (if any)	As per GCC/ Technical specification/ Kickoff meeting.			
		Prepared By	Checked By	Reviewed By	Approved By
Name:		AKASH VERMA	SHREEDHAR SINGH	SHREEDHAR SINGH	PERMINDER SINGH
Designation:		Sr. Engr./ PG-IV	Sr MGR / PG-IV	Sr MGR / PG-IV	DH / PG-IV
Signature:					
Date:		9/11/17	9/11/17	9/11/17	13/11/17

# VENDOR'S CREDENTIALS

PROJECT:

PACKAGE:

VENDOR NAME:

CREDENTIAL BOOKLET

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