



CORRIGENDUM 02

Ref: E-6354/2019 /02

Date:11/02/2020

Corrigendum to OPEN Tender Enquiry of Travelling Water Screens for 2X660 MW UDANGUDI SUPERCRITICAL STPP

Ref No: - E-6358/2019 Dated: 21.01.2020

1. **Due date Extension:** Bidder to note that bid submission of subject tender enquiry has been extended upto 25.2.2020,14:00 hrs. Part 1 opening will be done on same day at 15:00 hrs.
2. **Technical clarification:** Please refer attached technical clarifications. Bidder to quote accordingly.
3. SCC REV 01 of project is now applicable instead of SCC Rev 00. Same is attached with the corrigendum.
4. Bidders to note that following notes are part of delivery schedule: -
 - a. The end period specified is for completion of the deliveries. Deliveries to start progressively so as to meet the completion schedule.
 - b. The delivery conditions specified are for contractual LD purposes, however BHEL may ask for early deliveries without any compensation thereof.
 - c. Non-applicable drawings shall be decided during execution of the package.
 - d. Wherever schedule of drawings/documents submission / re-submission is stipulated in the Technical Specifications, same shall be superseded by delivery specified in NIT.

With regards
For & on behalf of BHEL

(AKASH VERMA)
Sr Engineer/ PG-I
PEM, BHEL, Noida

TECHNICAL CLARIFICATION

Sr No.	Page No.	Description	Clarification	BHEL REPLY
1	SECTION : I SUB- SECTION : IA Sr No.2.1 Pgae 2 of 12	Two (7) sets of Travelling Band Screens (TBS) viz. independent set of TBS for each inlet channel comprising of Electric drive with reduction gear box and fluid/hydraulic coupling, appropriate sealing arrangement to avoid escape of debris In clean side.	As per latest engineering practice direct drive is provided in which motor will be connected directly to the gear box for operation of TBS Kindly confirm.	NOTED. SHALL BE DISCUSSED DURING DETAILED ENGINEERING

2	SECTION : I SUB-SECTION :ID Tech Datasheet A Sr No.1.7 1 OF 8	Type of Travelling Band Screen (Inline Flow / Central Flow / Dual Flow)	Please confirm type of travelling water screen	TYPE OF TBS TO BE SELECTED BY BIDDER AS PER TECHNICAL SPECIFICATION.
3	SECTION : I SUB-SECTION :ID Tech Datasheet A Sr No.12 6 OF 8	Screen Wire mesh - SS 316L Head Sprocket - SS 316L Carrying chain -SS316L Fasteners -SS 316 L	We propose SS316, As no welding is involved SS316 Gives better strength. Kindly Confirm	BIDDER TO FOLLOW TECHNICAL SPECIFICATION.
4	SECTION : I SUB-SECTION :ID Tech Datasheet A Sr No.12.10 6 OF 8	Carrying Chain pins,& Bushing	We propose Duplex SS (for carrying chain pins &bushing) for excellent resistant to corrosion and very high mechanical strength Kindly Confirm	PLEASE REFER CL. 12.10.1 OF SUB-SECTION ID, DATASHEET- A OF TECHNICAL SPECIFICATION.
5	SECTION : I SUB-SECTION :ID Tech Datasheet A Sr No.12.11 6 OF 8	automatic raking mechanism	MOC of all wetted parts e.g wire rope ,grab, apron plate will be SS 316 and MOC of all non-wetted part e.g Machine structure ,rails etc will be IS :2062 Kindly Confirm	MOC OF ALL WETTED PARTS FOR AUTOMATIC RAKING MECHANISM SHALL BE SS316L. FOR NON-WETTED PARTS LIKE MACHINE STRUCTURE, RAILS ETC. CARBON STEEL AS PER IS: 2062 IS ACCEPTABLE. HOWEVER, SUITABLE PROTECTION AGAINST CORROSION DUE TO SEA WATER ENVIRONMENT TO BE PROVIDED SUBJECT TO APPROVAL OF TANGEDCO/BHEL. FURTHER, DETAILS SHALL BE DISCUSSED DURING DETAILED ENGINEERING.

BHEL-PEM / PG-I, NOIDA

SPECIAL CONDITIONS OF CONTRACT (SCC) Rev.01

2X660 MW UDANGUDI SUPERCRITICAL STPP STAGE I, SCOPE-EPC (Job No. 435)

TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LTD (TANGEDCO)

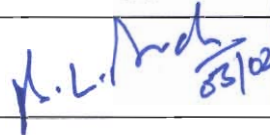
These Conditions shall be read and construed along with General Conditions of Contract (GCC) Rev.07, to be enclosed along with the tender enquiry. In case of any conflict or inconsistency, the conditions given in SCC shall prevail over the GCC.

Sl. No.	Title	Description
1.	Project Name	2X660 MW UDANGUDI SUPERCRITICAL STPP STAGE I
2.	Nature of project & Type of Bidding	Non-Mega & ICB (International Competitive Bidding)
3.	Customer Order Ref. No.	LOI Ref. No. Lr.No.CE/Proj.II/SE/C/UTPP/EE/E/LOI/D.179/2017,dt 07.12.2017
4.	BHEL's Customer	Tamil Nadu Generation & Distribution Corporation Limited (TANGEDCO), 2x660 MW Udangudi Supercritical Thermal Power Project Stage-1 at Udangudi,Thoothukudi District,TamilNadu.
5.	Customer Consultants	M/s Tata Consulting Engineers Limited, Sheriff Centre, 73/1, St Marks Road, Bangalore – 560001.
6.	Customer (TANGEDCO) GSTIN	33AADCT4784E1ZC
7.	Mode of Dispatch	Air, Road, Rail & Sea Transportation. For indigenous supplies: By Rail/Road on door delivery and freight pre-paid basis. For imported supplies: On C&F basis. Transit Insurance will be in BHEL scope.
8.	Location of Plant	Udangudi, Thoothukudi District Nearest Road – East Coast Road from Rameswaram to Kanyakumari (SH-176) Nearest Railway station - Thiruchendur, Thoothukudi District (12Km from site) Nearest Airport – Tuticorin (50km from site) Nearest Sea Port – Tuticorin (45 km from site) Nearest City – Thiruchendur, Thoothukudi District (12Km from site)
9.	Road Permit /E-waybill	E-way bill, if required, will be arranged by Supplier.
10.	BHEL Site Office Address	BHEL Site Office, 2x660 MW Udangudi Supercritical Thermal Power Project Stage-1 at Udangudi, Thoothukudi District,Tamil Nadu – 623 525
11.	Delivery Address (Ship To)	2x660 MW Udangudi Supercritical Thermal Power Project Stage-1,Tamil Nadu Generation & Distribution Corporation Limited Udangudi, Thoothukudi District,Tamil Nadu – 623 525
12.	Consignee Address (Bill To)	BHEL, Power Sector-Project Engineering Management Power Project Engineering Institute Plot No. 25, Sector-16A, Noida, Uttar Pradesh-201301
13.	BHEL GSTIN Details	BHEL-PEM is registered in the State of Uttar Pradesh with GSTIN 09AAACB4146P2ZC BHEL-PSSR is registered in the State of Tamil Nadu with GSTIN 33AAACB4146P2ZL

14.	Transit Insurance	In BHEL Scope. For each dispatch, vendor shall inform the following to the Underwriter under intimation to BHEL-PEM and BHEL Site office: (i) Policy No. (ii) Consignee Name. (iii) Consignment Details (items with their weights and value (in INR). (iv) Project Name and P.O. No. (v) LR No. and date, Dispatch origin and destination details, Invoice No. Vendors to intimate the underwriters quoting the insurance Policy No. as mentioned in Purchase Order.
15.	Dispatch intimation	Yes, in writing, Not less than 30 (Thirty) days prior to date of shipment and dispatch details to be sent to: BHEL Site office (As mentioned in SI. No.10) BHEL PEM Noida (As mentioned in NIT) At the point of dispatch, vendor must furnish docs required as given below through Email / Fax ; i. Vendor's invoice ii. LR / RR / GR / Courier Receipt iii. Packing List/ Challan indicating the items dispatched (with their weights) iv. Insurance intimation letter informing the underwriters about the dispatches v. BHEL MDCC vi. Photograph of packing / boxes showing dispatch marking as per SI. No. 18
16.	Document required for Vendor's payment	For claiming the payment against dispatch, MRC & Freight, documents as mentioned in GCC Rev.07.
17.	Buyer and Paying Authority	1. Buyer and Paying Authority shall be BHEL-PEM, NOIDA for the packages of which PO is placed by BHEL-PEM. 2. Buyer and Paying Authority shall be BHEL-PSSR for the packages of which LOA is issued by BHEL-PEM and PO is placed by BHEL-PSSR.
18.	Packing, Identification & Markings for Dispatch	Each box/ Drum shall be marked with Capital Letters indicating any one of the following: Main Supply / Mandatory Spares / Commissioning spares / Tools & Tackles Supplies under each of these headings shall be packed separately. Each package / Drum delivered under the Contract shall be marked by vendor as per details listed below and such markings must be distinct and in English language (all previous irrelevant markings being carefully obliterated) for purpose of identification. Each and every box (package) shall be marked with the following: - Name & address of the Consignee Name of Project Name of BHEL Unit placing the order Package Name, Vendor Name, LR No. and PO No. & Date. Packing No.: (e.g. 1/10, 2/10, 3/10 when there are 10 packages for one consignment) Packing Mark: Symbols indicating "TOP" and other special markings like "TOP", "BOTTOM", "DO NOT TURN OVER", "KEEP DRY", "HANDLE WITH CARE" etc. Following documents must be put inside the box: 01 copy of respective standard manufacturer's erection instruction / O&M manual shall be kept for immediate reference by BHEL site. 01 damage proof copy of Packing List/Challan indicating the items dispatched (with their weights)

		Above instructions are to be read in conjunction with Clause No.19 of General Commercial Terms & Conditions of GCC Rev.07 and those specified in NIT. Notwithstanding anything stated in this clause, Vendor shall be entirely responsible for loss, damage or deterioration of the material due to faulty and insecure packing. Note: Each of the items under mandatory spares shall be tagged with part no. and PO item ref no./BBU ref no.
19.	Demurrage charges	Demurrage charges shall be paid by supplier / vendor to the transporter. No claim shall be entertained by BHEL in this regard.
20.	Unloading at site	For Supply packages: By BHEL site office For Turnkey packages (i.e. Supply and E&C): By vendors
21.	Storage at site	For Supply packages: By BHEL site office For Turnkey packages (i.e. Supply and E&C): By vendors
22.	Movement of material within Site	For Supply packages: By BHEL site office For Turnkey packages (i.e. Supply and E&C): By vendors
23.	Concessional custom duty against Essentiality Certificate (EC)	Essentiality Certificate (EC) issued by TANGEDCO shall be passed on to vendor through BHEL (Limited to CIF content indicated in tender/order) for availing Concessional Custom Duty as applicable for imported contents under Project Import regulations. Vendors shall indicate the list of imported items, quantity, CIF value (in Rupee and Foreign currency) and country of origin or country supplying raw material in price bid which will be referred to TANGEDCO for issuing EC. Request for additional Item / additional CIF other than that submitted with original tender shall not be entertained by BHEL during contract execution stage. In case of underutilized / unutilized EC, vendor shall provide the necessary documents to revise the EC. Packages for which CIF value is considered: Supply Packages: GCB and VIS(TG) Turnkey Packages: CAS and Hydrogen Generation Plant For other packages, please Refer Package specific NIT for CIF applicability. Vendors shall be solely responsible for arranging the foreign exchange release for any material, component & Bought out items that may be required to be imported and no foreign exchange will be paid or arranged by BHEL. Any increase or decrease in exchange rate shall be borne by vendor. Vendor shall consider the Concessional Custom Duty as a part of quoted Ex-works price. Vendor shall provide all necessary documents required to allow BHEL to obtain any Tax benefits / closure of bonds that the BHEL is eligible for under applicable laws existing as the effective date or that come into force thereafter. Vendor shall minimize its liability for seller taxes under applicable laws to the extent legally permissible and pass on the benefit of any savings on account of such reduction to BHEL. Vendor shall inform BHEL and provide the necessary documents to obtain required certificates from BHEL to avail exemption. Obtaining custom duty benefit in line with the Essentiality Certificate issued shall be in vendor's scope.
24.	Material Receipt Certificate	As per Clause 21.0 of General Commercial Terms & Conditions of GCC Rev.07 ✓
25.	Taxes & Duties (For Domestic Vendor)	As per General Conditions of Contract (GCC) Rev.07

26.	Taxes & Duties (For Orders of Supply packages directly to Foreign Vendor)	In case of foreign vendors, quoted prices & Dispatches shall be on C & F (Port-Chennai) basis and the Taxes & duties in the country of dispatch shall be borne by Foreign vendor. All the Taxes & duties and other charges applicable in India shall be borne by BHEL-PEM for the direct order placed by PEM to the foreign bidder.
27.	Inspection Agency	BHEL/BHEL approved 3 rd party inspection agency and/or TANGEDCO/TANGEDCO approved 3 rd party inspection agency
28.	Inspection procedure	<u>For Domestic supplies</u> Vendor shall raise inspection call at least 07 business days in advance on BHEL CQS website to applicable inspection agency (as mentioned in PO/LOI or to be informed later) and submit copy of inspection call to BHEL-PEM for arranging customer participation in inspection/Joint inspection on the proposed date, as applicable. MDCC shall be issued on the basis of clear inspection report (CQIR). <u>For Foreign supplies</u> In case of Foreign supplies, if TANGEDCO/ TANGEDCO approved 3rd party inspection agency does not participate in the inspection, test certificates & inspection reports duly accepted by the agreed Inspection agency shall be submitted in soft copy to BHEL-PEM. The same shall be reviewed by PEM and then, sent to TANGEDCO for clearance. The dispatch clearance (MDCC) by TANGEDCO/BHEL as applicable shall be given to the foreign supplier or representative in India after acceptance of above test certificates.
29.	Construction power, Water and Storage Space for Turnkey Packages	Construction Water & Construction Power shall be 'Free of cost' at one point at site and further distributed by the vendor. Storage space will be provided 'Free of cost' for storing material, however contractor has to arrange his own labor colony.
30.	Submission of Final Drgs/Docs along with O&M Manual, Type Test Certificates (if any)	As per GCC Rev.07/Technical Specification/Kick-off meeting
31.	Monthly Progress Report	Vendor to provide monthly progress report each month after placement of PO, till supply of material. Monthly progress report of vendor shall include raw material status, BOI status, manufacturing, engineering progress including status of major drawings/docs, inspection & latest dispatch plan. Vendor may use their format to provide required information, however format(if any) issued by Purchaser after placement of PO shall be obligatory to vendor.

	Prepared by	Checked by	Reviewed by	Approved by
Name	GAURAV GUPTA	RAJEEV LALWANI	GC THAKUR	B L BEDI
Designation	Dy. Manager	Manager	Sr. Manager	AGM & DH
Department	PG-I	PG-I	PG-I	PG-I & II
Signature				
Date	31.01.2020	01.02.2020	01/02/2020	03/02/2020