

CORRIGENDUM /ADDENDUM -02

Ref No. PE/PG/UPP/E-5775/2017 /CORRIGENDUM/02

DATED 16.11.2017

Subject: 2X800MW TANGEDCO UPPUR- BTG –Open
Tender enquiry for DEBRIS FILTER.

DUE DATE
18.11.2017
BY 02:00 PM

Ref.: Our Enquiry No. PE/PG/UPP/E-5775/2017 Dated:08.11.2017

Dear Sir/Madam,

With reference to above mentioned enquiry, Please Note the following.

1. Counter flanges for DEBRIS FILTER Shell shall be in bidder's scope inline with Data Sheet 'A', Sl. No. 1.5 of Technical specification
2. BOQ cum Price format for debris filter shall be as enclosed. List of mandatory spares have been added as Annexure-I in this BOQ.

Please refer www.bhelpem.com or www.bhel.com for further details and submit your offer online before due date and time .

Kindly Submit your offer before due date. For any clarification, please contact undersigned

Thanking You,

With Regards
For and on behalf of BHEL



Jitendra Kumar Soni
SR.ENGR/PG-II-1
Mob. 9990257437
Off- 0120-4213543

Enclosure:

BOQ cum Price format for debris filter including Mandatory spare as Annex-1

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PROJECT:-2x800 MW UPPUR STPP (STAGE -I, Unit 1 & 2) - BTG

TENDER ENQUIRY REF NO-PG/PG/UPP/E-5775/2017 Dated:08.11.2017

PACKAGE-BOQ CUM PRICE FORMAT FOR DEBRIS FILTER

NAME OF VENDOR					FOR INDIAN BIDDER							FOR FOREIGN BIDDERS				
SL NO (1)	ITEM DESCRIPTION AS PER TENDER BOQ (2)	HSN CODE (TO BE FILLED BY THE BIDDER) FOR EACH ITEM (3)	UOM (4)	ORDERED QUANTITY (5)	UNIT EX-WORKS PRICE (DULY PACKED) (INR) (6)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR) (7)	FREIGHT CHARGES		TOTAL PRICES (ex works + freight) (INR) (9)	APPLICABLE GST RATE IN % ON (TOTAL EX WORKS + FREIGHT) BOTH (INR) (10)		TOTAL PRICE F.O.R Prices with taxes (INR) (11)	UNIT C&F Chennai Sea Port Price (Currency) (12)	Total C&F Chennai Sea Port Price (Currency) (13)	APPLICABLE GST RATE IN % ON Site Activities (Currency)(14)	GRAND TOTAL (Currency) (15)
							@ % OF TOTAL EX WORKS (8A)	AMOUNT IN (INR) (8B) = [7X8A]	[7+8B]	GST RATE IN % ON (TOTAL EX WORKS + FREIGHT) (10A)	TOTAL AMOUNT IN (INR) (10B) [9X10A]	[9+10B]				
1.0	Total price for design, manufacture, assembly, inspection, testing, packing for transportation and delivery, including final check up of installation, commissioning, trial run and PG testing of FOUR (4) sets of Debris Filter complete in all respect including all accessories & auxiliaries as specified in technical specification and as necessary including mandatory spares, commissioning spares of DF and special tools & tackles (as required) for erection & maintenance		Sets	4.00												
Break up of 1.0 (from 1.1 to 1.3)																
1.1	Unit price for design, manufacture, inspection and testing, packing and delivery of DF for one set complete with all accessories except for clause no. 1.2 & 1.3 below.		Sets	4.00												
1.2	Lump sum price for following activity:															
1.2.1	Installation checks & Commissioning		Sets	4.00												
1.2.2	PG test		Sets	4.00												
1.3	Lump sum price of Mandatory Spares as per Data Sheet A : Annexure-I		Lot	1.00												
GRAND TOTAL (IN FIGURES)																
GRAND TOTAL (IN WORDS)																
Note (as per NIT requirement/Technical Specification), if any :- a) Total price of Unit prices given above at Sl. No. 1.1 plus Sl. No.1. 2 plus Sl. No. 1.3 should tally with total price given at Sl. No.1.0 of BOQ cum Price Format. b) Unit price quoted by bidder, as above, shall be binding for any quantity variation, which is at discretion of purchaser. c) Price of commissioning & erection spares and other accessories not listed above shall be included in price of equipment & shall be supplied with the equipment. d) Indicate all taxes, duties etc. stating whether included/excluded in above prices.																
Points for consideration before filling above price schedule- 1. PRICES SHALL BE FIRM UNLESS OTHERWISE SPECIFICALLY INDICATED IN NIT . 2. Vendor to mention HSN Code in specific Column for each item of BOQ. 3. In case of discrepancy in GST rate corresponding to HSN code and quoted GST, the evaluation shall be done on quoted price and correct GST rate shall be considered for ordering (limited to quoted FOR Site price) 4. Unless the context requires otherwise, in all tenders and tender related documents any reference to taxes such as ED, CST/VAT, Services. Tax etc. shall refer to GST as implemented by GOI w.e.f. 1.07.2017. 5. CGST/SGST/UGST/IGST shall be paid at actuals against documentary evidence but restricted to the amount and percentage in the order/contract. 6. In case, any GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry to timeline prescribed in the relevant Act for availing such ITC, or any other reasons not attributable to BHEL, tax amount shall be recoverable from the vendor/contractor along with interest levied/leviable on BHEL. 7. All taxes and duties other than CGST/SGST/UGST/IGST shall be deemed to be included in the Ex-Works prices unless specified otherwise by the bidder in the price bid. No variation in other taxes and duties shall be payable by Purchaser.																

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PROJECT:-2X800 MW TANGEDCO UPPUR-BTG
TENDER ENQUIRY REF NO:PE/PG/UPP/E-5775/2017 Dated:08.11.2017
ANNEXURE-I : BOQ CUM PRICE FORMAT FOR DEBRIS FILTER-MANDATORY SPARES

NAME OF VENDOR:					FOR INDIAN BIDDER							FOR FOREIGN BIDDERS		
SL NO (1)	ITEM DESCRIPTION AS PER TENDER BOQ (2)	HSN CODE (TO BE FILLED BY THE BIDDER) FOR EACH ITEM (3)	UOM (4)	ORDERED QUANTITY (5)	UNIT EX-WORKS PRICE (DULY PACKED) (INR) (6)	TOTAL EX- WORKS PRICE (DULY PACKED) (INR) (7)	FREIGHT CHARGES (8)		TOTAL PRICES (ex works + freight) (INR) (9)	APPLICABLE GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) BOTH (INR) (10)		TOTAL PRICE F.O.R Prices with taxes (INR) (11)	UNIT C&F Chennai Sea Port Price (Currency) (12)	Total C&F Chennai Sea Port Price (Currency) (13)
							@ % OF TOTAL EX WORKS (8A)	AMOUNT IN (INR) (8B) =[7X8A]		[7+8B]	GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) (10A)			
1.0	C&I Spares			Quantity per 800 MW Unit (For C&I spares, the list of Spares is given for One unit of 800 MW. For 2 Units, quantities are to be doubled.)										
1.1	Measuring and Field Instruments													
1.1.1	Indicators, Recorders, Electrical Metering and Skid Mounted Instruments													
(i)	Indicators, recorders and meters offered from each model for the project. These instruments shall be supplied with three sets of blank scales.		Nos.	10 % of Installed of each type/Model or a minimum of one number for each model and type, whichever is more.										
(ii)	For skid mounted instruments		Nos.	10% of total number of instruments, valves, C&I equipment, C&I item etc. for each Type and model or a minimum of one number for each model and type, whichever is more.										
1.1.2	Temperature Transmitters and Electronic Transmitters (For Pressure, DP, Temp, Flow, Level), Process Transmitters, Level & Flow Transmitter for each type, Rota meters, Sight Flow indicators, Temperature, Pressure, Flow & Level Switch, safety & Protection switches, Gauges, Process meters, Junction Boxes, Position Transmitters/switches, Analysers, Transducer or any other instrument etc		Nos.	i.) 10% of total number of each item offered for each model and type for the project or a minimum of one number, whichever is more. ii.) 10% of Electronic card/PCB assembly and power supply card/module for each type, model & rating of Transmitter, analysers & Flow Meters.										
1.1.3	Pressure gauge, solenoid valves, temperature gauge, Back Pressure regulating valves, 3 way grab valves, needle valves, isolation valves, PRV, flow switch, flow indicator and temperature switch, erection hardware's, valves in SWAS.		Nos.	Two (2) no. of each type										
1.2	Relay based Control Panels													
1.2.1	LEDs for indicating lights-		Nos.	100% of qty installed.										
1.2.2	Control circuit fuses		Nos.	300% of installed of each type, current rating.										
1.2.3	Relays modules & contactors.		Nos.	20% spare of qty Installed of each type & rating.										
1.2.4	MCB/MCCB of each current rating		Nos.	Ten percent of each current rating required										
1.2.5	Cooling Fans of each type, model and rating		Nos.	20% or 2 nos. of each type and rating, (whichever is more).										
1.2.6	Push buttons, ILPBs		Nos.	Ten (10) percent or 2 nos (whichever is more) of each type.										
1.2.7	Electric meter.		Nos.	Ten (10) percent or 2 nos (whichever is more) of each type										
1.2.8	Power supply modules.		Nos.	Ten (10) percent or 2 nos (whichever is more) of each type										

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SL NO (1)	ITEM DESCRIPTION AS PER TENDER BOQ (2)	HSN CODE (TO BE FILLED BY THE BIDDER) FOR EACH ITEM	UOM (4)	ORDERED QUANTITY (5)	UNIT EX-WORKS PRICE (DULY PACKED)	TOTAL EX- WORKS PRICE (DULY PACKED) (INR)	FREIGHT CHARGES (8)		TOTAL PRICES (ex works + freight) (INR) (9)	APPLICABLE GST RATE IN % ON (TOTAL EX WORKS + FREIGHT) BOTH (INR) (10)	TOTAL PRICE F.O.R Prices with taxes (INR) (11)	UNIT C&F Chennai Sea Port Price (Currency) (12)	Total C&F Chennai Sea Port Price (Currency) (13)
1.3	Alarm Annunciation System												
1.3.1	logic modules, group card modules, power supply modules, Hooters and any other electronic module.		Nos.	20% spares of each type installed									
1.3.2	un-engraved window boxes complete with LED etc.		Nos.	5% spares of each size installed									
1.3.3	LEDs for annunciation facia windows and LEDs box assemblies offered for the project		Nos.	20% of qty installed									
1.3.4	Annunciator hooter		Nos.	One (1) No. of each type									
1.4	Erection hardware												
1.4.1	Instrument valves, manifold, fittings, impulse pipe, impulse tubes, drains pipes.		Nos.	Ten (10) percent of each type, rating, model number & Size installed									
1.4.2	Condensate pots of each type, rating, model no. & Size installed		Nos.	Ten (10) percent of total number of Installed or four numbers whichever is higher.									
1.4.3	Manifold		Nos.	Ten (10) percent of each type & Size installed									
1.4.4	Fittings		Nos.	Ten (10) percent of each type & Size installed									
1.4.5	MCB, and Power sockets used in LIE/LIR.		Nos.	Ten (10) percent of each type & Size installed									
1.4.6	Fuses used in LIE/LIR.		Nos.	Fifty (50) percent of each type.									
GRAND TOTAL (IN FIGURES)													
GRAND TOTAL (IN WORDS)													
Note (as per NIT requirement/Technical Specification), if any :-													
1. For C&I Mandatory Spare not covered above: Bidder to supply 10% or 1 no. (whichever is more) of each type of sensor/instrument, analyzers /special instruments/Electronic card, instrumentation/ mechanical fittings etc.													
2. For C&I spares, the list of Spares is given for One unit of 800 MW. For 2 Units, quantities are to be doubled.													
3. Wherever quantity has been specified percentage (%) the quantity of mandatory spares to be provided by the bidder shall be distributed into various ranges/size/rating/type (as the case may be) in the same proportion of the main population. In case the quantity so calculated happens to be fraction, the same should be rounded off to next higher whole number.													
4. Wherever the quantities have been indicated for each type, size, thickness, material, radius, range etc., these shall cover all items supplied and installed and the breakup for these shall be furnished in the bid.													
5. In case spares indicated in the list are not applicable to the particular design offer 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.													
Points for consideration before filling above price schedule:-													
1. PRICES SHALL BE FIRM UNLESS OTHERWISE SPECIFICALLY INDICATED IN NIT.													
2. Vendor to mention HSN Code in specific Column for each item of BOQ.													
3. Unless the context requires otherwise, in all tenders and tender related documents any reference to taxes such as ED, CST/VAT, Services Tax etc. shall refer to GST as implemented by GOI w.e.f. 1.07.2017.													
4. CGST/SGST/IGST shall be paid at actuals against documentary evidence but restricted to the amount and percentage in the order/contract.													
5. In case, any GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry to timeline prescribed in the relevant Act for availing such ITC, or any other reasons not attributable to BHEL, tax amount shall be recoverable from the vendor/contractor along with interest levied/leviable on BHEL.													
6. All taxes and duties other than CGST/SGST/IGST shall be deemed to be included in the Ex-Works prices unless specified otherwise by the bidder in the price bid. No variation in other taxes and duties shall be payable by Purchaser.													

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