



Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
PROJECT ENGINEERING MANAGEMENT

Enq No.: E-4564/2014

DATE. 13.10.2014

DUE DATE
NOV 03, 2014
10:00 A.M.

Subject: Tender Enquiry of BUTTERFLY VALVES (STEAM SERVICE) as per Technical Specification No. PE-TS-402-100-M016 for 2 X 500 MW NEW NEYVELI TPP TG.

BHEL invites offers from reputed Vendors (Refer pre-qualifying requirements and other requirements given in tender enquiry letter uploaded on our websites) for Design, manufacture, assembly, inspection and testing at manufacturer's and/or his subcontractors works, proper packing for delivery to the site of BUTTERFLY VALVES (STEAM SERVICE) complete with all accessories as per the requirements specified in the technical specification- PE-TS-402-100-M016 for 2 X 500 MW NEW NEYVELI TPP TG as per details hosted on BHEL website www.bhelpem.com & www.bhel.com.

Your offer shall be submitted in two parts strictly as per Clause-2.0 of the "Instructions to Bidders" of GCC, Rev. 06 in quintriplicate (5 sets), in sealed covers for the under mentioned equipment/system.

Item Description – BUTTERFLY VALVES (STEAM SERVICE)		
Sl. No.	Project	TECHNICAL SPECIFICATION NO.
1.	2 X 500 MW NEW NEYVELI TPP TG	PE-TS-402-100-M016

Your best quotation/offer for the above requirement, in line with our terms and conditions, should either be delivered in person or sent by COURIER/REGISTERED POST, to the following address only:

Tender Box, Tender Room, Ground Floor, PPEI Building
(behind Reception Desk)
C/o SANJEEV KUMAR, ASST.ENGR, PG-II-2,
M/s. Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301,U.P.,INDIA

E-MAIL: sanjeev_k@bhelpem.co.in
Ph. No. +91-120-4368590

It shall be the responsibility of the bidder to ensure that the tender is delivered on or before the due date by 10:00 AM (IST). The offer has to be deposited in tender box only. Part-I bids shall be opened at 11:00 AM (IST) on the due date in the presence of authorized representatives of the bidders, who may like to be present.

TERMS AND CONDITIONS: Please refer GCC Rev-06 which is available on www.bhelpem.com. Bidders are requested to kindly download the same. Bidders are advised to go through the same while submitting the offers.

1. Enquiry No., due date etc. must be legibly super-scribed on the sealed envelopes as per clause no. 2.0 of "Instructions to Bidders" of GCC, Rev. 06.
2. Offers should be submitted in two parts in two separate sealed covers as follows:
Part-I: TECHNO-COMMERCIAL BID Part-II: PRICE BID
For detailed instructions, please see clause no. 2.0 of "Instructions to Bidders" of GCC Rev. 06.

Please reply to:
PEM -Power Sector
PPEI Building,
HRD & ESI Complex,
Plot-25, Sector-16-A
NOIDA – 201301
Phone: 0120-4368590
Fax : 0120-4329026
email : sanjeev_k@bhelpem.co.in
sharadchandra@bhelpem.co.in

Regd. Office:
BHEL House
Siri Fort
New Delhi - 110049



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3. Bidders to note that following forms the part of Tender Documents :

- General Conditions of Contract (GCC) Rev 06
- Technical Specifications
- Price format & Special Conditions of Contract (SCC Rev-00 for TG)
- Financial PQR, Technical PQR & General PQR
- NIT CONDITIONS

Bidders to note that offers shall be submitted strictly in accordance with the requirements of the above Tender Documents & all the above Tender Documents shall automatically become the part of the Order/Contract after its finalisation.

4. Standard pre-printed Terms & Conditions of the tender shall not be considered valid.
5. Unsolicited Fresh/Revised Price Bids shall not be entertained.
6. Purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any/all tender(s) in part or full without assigning any reason whatsoever.
7. Tenderers must enclose the Quality Plan in the prescribed format, for approval. Equipment/Items will be dispatched only after Purchaser's/Owner's inspection at the hold points specified in the approved Quality Plan and issue of Material Dispatch Clearance Certificate (MDCC).
8. In the event of any contradiction in the terms and conditions mentioned, the order of preference shall be N.I.T. covering letter/ SCC/ GCC terms.
9. All correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address :

Mr. Sanjeev Kumar, ASST.ENGR, PG-II-2
M/s. Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex, Plot No 25,
Sector-16 A, Noida-201301,U.P.,INDIA
E-MAIL: sanjeev_k@bhhelpem.co.in
Ph. No. +91-120-4368590

Sh. Sharad Chandra, Sr. ENGR, PG-II-2
M/s. Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex, Plot No 25,
Sector-16A,Noida-201301,U.P.,INDIA
E-MAIL: sharadchandra@bhhelpem.co.in
Ph. No. +91-120-4213572

10. INSTRUCTIONS REGARDING CENTRALISED TENDER ROOM:

- a. Bidders best quotation/offer containing Part-I & II offers in separate covers, preferably cloth lined envelopes, properly marked Enquiry No, due date and time, should either be delivered in person or sent by COURIER/REGISTERED POST, to the following address only:

Tender Room, Ground Floor, PPEI Building
(behind Reception Desk)
C/o SANJEEV KUMAR, ASST.ENGR, PG-II-2,
M/s. Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301,U.P.,INDIA

E-MAIL: sanjeev_k@bhhelpem.co.in
Ph. No. +91-120-4368590

- b. The dispatch department shall not accept any tender in torn condition and return the same with the Stamping "Returned to Sender-Package Damaged". Offers in damaged condition will not be considered and no request for extension on this account will be considered.
- c. Bidder's representative shall deposit the offer in tender box only.
- d. Bidders shall be allowed in the tender room in area identified for bidders and only one authorized representative from each bidder shall be allowed.

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NOIDA - 201301

Phone: 0120-4368590
Fax : 0120-4329026
email : sanjeev_k@bhhelpem.co.in
sharadchandra@bhhelpem.co.in

Regd. Office:

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- e. Bidder shall not be allowed to carry mobile/camera/ laptop in the tender room. The same shall have to be deposited at security in advance and taken back after tender opening.
- f. Details of offers shall be read out to bidders and in no case the offers shall be handed over to any of the bidders for noting down.
- g. Please ensure tender submission, minimum 1 hour before scheduled tender opening time. Late tenders shall not be accepted.
11. Bidder is requested to quote their best competitive prices. "BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit „online sealed bid" in the Reverse Auction. Non-submission of „online sealed bid" by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue."

Terms and Conditions of Reverse Auction shall be as per attached annexure-I.

12. **Delivery Schedule :**

Delivery shall be within 06 months from the date of Cat-I approval of drg/doc. However, drg/doc shall be submitted within 02 weeks from the date of PO & subsequent revision with 01 week from the date of receipt of BHEL comment.

13. Evaluation will be done overall L1 (Total Cost to BHEL) basis with necessary loading, if applicable.

14. **Pre-Qualifying Requirement :**

Bidders who fulfil TECHNICAL & FINANCIAL PRE-QUALIFICATION REQUIREMENT CRITERIA are eligible to participate in this tender.

Bidders are requested to provide the details as per "TECHNICAL AND FINANCIAL PRE-QUALIFYING REQUIREMENTS". Bids of only those bidders shall be evaluated who meet the Technical as well as Financial Pre-Qualifying requirements.

15. CIF is not available for this package.

16. Bidders has to note that this is a conditional Open Tender enquiry. Price bid (Part-II) opening/RA participation of those bidders, who are not registered with BHEL PEM / not approved by Customer (NLC), shall be subjected to following criterion:

a. Approval of bidder by the BHEL

The bidders (who are not registered with BHEL-PEM) to Download the Supplier Registration Form (SRF) from www.bhel.com and <http://www.bhelpem.com/Vendor%20Corner.aspx> and submit the same duly filled in along with credentials- experience list, performance certificates and other statutory data to our Vendor Development section with intimation to us.

b. Approval of bidder by Customer

Same shall be taken up by BHEL with the customer based on the credentials/reference list being submitted by the bidder. Bidders to note that following has to be the part of their credentials:-

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HRD & ESI Complex,
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NOIDA - 201301

Phone: 0120-4368590
Fax : 0120-4329026
email : sanjeev_k@bhelpem.co.in
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- Documentary evidence to show that similar or higher capacity component/equipment/system has been supplied by the vendor or their associate/collaborator. The documentary evidence shall be in the form of Material Receipt Certificate, Site Inspection Report, etc from the end user for having received the material by the end user.
17. Indian bidders have to quote freight charges in percentage of their quoted Total Ex-works prices. Indian Bidder to mention the percentage of freight (of Total Ex Works).
 18. Bidders to note that Deviations (if any) are to be listed only in 'Annexure II: Deviation Sheet' of GCC Rev. 06. Any deviation mentioned or shown separately or found hidden in offer, will not be taken cognizance of.
 19. Mandatory Spares and Tools & tackles (if any) are to be delivered along with the last consignment of main supply within the contractual delivery period.
 20. All corrigenda, addenda, amendments, time extensions, clarifications, etc to the tender will be hosted on BHEL website (www.bhel.com) & BHEL-PEM website (www.bhelpem.com) only. Bidders should regularly visit websites to keep themselves updated.
 21. The offers of the bidders who are on the banned list & also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website www.bhel.com.
 22. Bidder to note that COMMERCIAL TERMS AND CONDITIONS shall be as per Notice Inviting Tender (NIT) conditions, Special Conditions of Contract of Project & General Conditions of Contracts (GCC, Rev.06).

Thanking You.

Yours faithfully,
For and on behalf of BHEL

Sharad Chandra

Sharad Chandra
(SR.ENGR/PGII-2/BHEL-PEM)

Enclosures:

1. Enquiry Letter with Terms & Conditions (this letter)
2. Technical Specification
3. Financial PQR
4. Technical PQR
5. General PQR
6. Price format/schedule (Prices should be quoted strictly in this format only).
7. 2 X 500 MW NEW NEYVELI TPP (NNTPP)-TG.

Please reply to:
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NOIDA - 201301

Phone: 0120-4368590
Fax : 0120-4329026
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sharadchandra@bhelpem.co.in

Regd. Office:

BHEL House
Siri Fort
New Delhi - 110049

2 X 500 MW NEW NEYVELI TPP (TG PACKAGE)

PRICE FORMAT (MAIN SUPPLY) FOR BUTTERFLY VALVE (STEAM SERVICE)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
SL. NO.	TAG NOS.	TYPE OF VALVE	SIZE mm (NB)	OPERATION	PRESSURE KG/CM2(G)	TEMP (DEG °C) (DESIGN)	SERVICE	RATING, DESIGN & TESTING CODE	BODY & DISC MATERIAL	END CONN	SPECIAL FEATURES	MATCHING PIPE OD X THKN	MAIN VALVES (ALONG WITH ACTUATOR) QTY WITHOUT COMMISSIONING SPARES (NOS.)	FOR INDIAN BIDDERS (INR)				FOR FOREIGN BIDDERS				
														UNIT EX-WORKS	TOTAL EX-WORKS	EXCISE DUTY with cess: NIL (REFER SCC CLAUSE NO. 18.A)	CST against form C/E1&E2 @% / VAT @% (As applicable)	FREIGHT CHARGES (including Service tax on freight) @% (applicable rate-to be quoted as % of Ex-Works)	TOTAL FOR SITE PRICE	UNIT FOB PRICE (Currency)	TOTAL FOB PRICE (Currency)	
1	EXV-27, EXV-28 (EACH 2 Nos)	BUTTERFLY VALVE (STEAM SERVICE)	1600	MO	2	100	BFP DRIVE TURBINE EXHAUST LINE	CL 75B (MINIMUM OF AWWA A216 GR. C504-2010 WCB)	CCS (ASTM A216 GR. WCB)	BW AS PER ASME B16.25	OT - SG, MO, SHRT, AS, ORIENTATION HORIZONTAL VERTICAL SUITABLE FOR BOTH DIRECTIONS; ELECTRIC ACTUATOR WITH NON INTEGRAL STARTER	1628 12.00	4	NIL								
												TOTAL	4									

ABBREVIATIONS:-

BW- BUTT WELDED, CCS - CAST CARBON STEEL, SG - SEALED GLAND, MO - MOTORISED ELECTRIC ACTUATOR OT - OPENING/CLOSING TIME OF VALVE WITH ELECTRIC ACTUATOR OPERATION

NOTE:-

1. Valve POD, Gear box POD & Actuator POD test, if already carried out by bidder for similar model/type/size/rating for any NTPC project within the last 5 years from the date of bid opening of this project, i.e. 04/01/2014, shall be considered applicable for this project, if found satisfactory by BHEL.
2. Valve POD, Gear box POD & Actuator POD test, if required, as per technical specification & AWWA C504-10, then the charges for the same shall be included in the unit quoted price of main valves. Bidder shall not indicate these charges as a separate head in the price bids.
3. Main valve prices shall BE EXCLUSIVE of cost of Commissioning Spares prices.
4. Bidder is required to quote unit price of each item under commissioning spares & mandatory spares separately & individually i.e. prices of all commissioning spares shall not be dubbed/ included in the unit price of Main valves.
5. Commissioning spares -> One set each of Disc Seal, Bottom Cover Gasket with O Ring & seals in Gland packing area and actuator O rings and seal as applicable.

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2 X 500 MW NEW NEVELLI TPP (TG PACKAGE)

		PRICE FORMAT (MANDATORY SPARES) FOR BUTTERFLY VALVE (STEAM SERVICE)																					
		12	13	14	15	16	17	18	19	20	21	22											
		MATCHING PIPE OD X THKN		MANDATORY SPARES		FOR INDIENOUS BIDDER (INR)						FOR FOREIGN BIDDER											
SL. NO.	TAG NOS.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
		TYPE OF VALVE	SIZE mm (NB)	OPERATION	PRESSURE KG/CM2(G)	TEMP (DEG C) (DESIGN)	SERVICE	RATING DESIGN & TESTING CODE	BODY & DISC MATERIAL	END CONN	SPECIAL FEATURES	MM	DESCRIPTION OF ITEM	QTY	UNIT EX-WORKS	TOTAL EX-WORKS	EXCISE DUTY WITH S&S: NIL (REFER SCC CLAUSE NO. 18.A)	CST against Form CE1&E2 @.....% / VAT @.....% (As applicable)	FREIGHT CHARGES (including Service tax on freight) @.....% (applicable rate)-to be quoted as % of Ex-Works	TOTAL FOR SITE PRICE	UNIT FOB PRICE (Currency)	TOTAL FOB PRICE (Currency)	
1	EXV-27, EXV-28 (EACH 2 Nos)	BUTTERFLY VALVE (STEAM SERVICE)	1800	MO	2	100	BFP DRIVE (VALVE EXHAUST LINE)	CL 798 (AS PER AMVA C504-2010)	CCS (AS PER AMVA C504-2010)	BW AS (AS PER ASME B16.25)	SG, MO, OT = 50 - 70 SEC, SHAFT AXIS ORIENTATION HORIZONTAL/VERTICAL FOR BOTH DIRECTIONS; ELECTRIC ACTUATOR WITH NON INTEGRAL STARTER	1826	POSITION LIMIT SWITCHES (No) AS PER CL. NO. 1.17.12 OF MANDATORY SPARE LIST (TG)	4			NIL						
													TORQUE SWITCHES (No) AS PER CL. NO. 1.17.13 OF MANDATORY SPARE LIST (TG)	4			NIL						
													TOTAL	8			NIL						

ABBREVIATIONS:
 BW- BUTT WELDED, CCS - CAST CARBON STEEL, SG - SEALED GLAND, MO - MOTORISED ELECTRIC ACTUATOR OT - OPENING/CLOSING TIME OF VALVE WITH ELECTRIC ACTUATOR OPERATION
 NOTE:
 1. Valve POD, Gear box POD & Actuator POD test, if already carried out by bidder for similar model/type/size/rating for any NTPC project within the last 5 years from the date of bid opening of this project, i.e. 04/01/2014, shall be considered applicable for this project, if found satisfactory by BHEL.
 2. Valve POD, Gear box POD & Actuator POD test, if required, as per technical specification & AMVA C504-10, then the charges for the same shall deemed to be included in the unit quoted prices of main valves. Bidder shall not indicate these charges as a separate head in the price bids.
 3. Main valve prices shall BE EXCLUSIVE of cost of Commissioning Spares prices.
 4. Bidder is required to quote unit price of each item under commissioning spares & mandatory spares separately & individually, i.e. prices of all commissioning spares shall not be clubbed/ included in the unit price of Main valves.
 5. Commissioning spares -> One set each of Disc Seal, Bottom Cover Gasket with O Ring & Seal, Gland Packing with O Ring & Seal, Gland Packing area and actuator O rings and seal as applicable.

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