



Ref. Enquiry No.: PE/PG/RTC/E-5619/2017

Dated: 15.05.2017

TENDER ENQUIRY THROUGH E-PROCUREMENT

DUE DATE
26.05.2017
BY 14:00PM

SUBJECT: TENDER ENQUIRY FOR RATE CONTRACT OF CONTROL VALVES AS PER TECHNICAL SPECIFICATION NO. PE-TS-20-145-I104

OUR REF: TENDER ENQUIRY NO: PE/PG/RTC/E-5619/2017, DTD-15.05.2017

Dear Sir/ Ma'am,

We are pleased to invite your offer for subject package in two parts strictly as per Clause-2.0 of the enclosed "Instructions to Bidders". Please upload your best quotation/ offer on <https://bheleps.buyjunction.in> for the requirement strictly as per schedule of price format before above mentioned due date & time. The details of the tender enquiry is as mentioned below:

Sl. No	Description for which Rate Contract is desired	Tentative Quantity	Delivery required
1	CONTROL VALVES - Refer Technical specification no PE-TS-20-145-I104 for detailed description.	As per BOQ cum price schedule in Annexure-I) cumulative for the Prospective Projects as per Annexure-III	"Six (06) months from drgs. /docs. approval in CAT-I issued by BHEL. Successful bidder to make submission of drawing/docs as per "Schedule of submission of Drawing/Documents" mentioned in Volume II B of Technical Specification-PE-TS-20-145-I104, taking care of all the comments of BHEL. Any deficiency in documents submitted w.r.t. agreed specification/ comments from BHEL shall be treated as non-submission and no. of days delay in submission of complete documents during approval process, on account of this, would be reduced from the delivery. The vendor shall be responsible for getting approval from BHEL as early as possible and BHEL will support the process, in full, within above time frame and terms & conditions." For Mandatory Spares: Mandatory Spares to be delivered within 04 months from manufacturing clearance. Separate dispatch/ manufacturing clearance will be issued for Mandatory Spares.

Your best quotation/offer for the above requirement, in line with our terms and conditions, should be submitted online via e-procurement system. It shall be the responsibility of the bidder to ensure that the Tender is submitted on or before the due date by 2 p.m. Part-I bids shall be opened at 3 p.m. on the due date in the presence of authorized representatives of the bidders, who may like to be present.

Note:-

1. Please note that Part Supplies offered for Project shall disqualify the bidder's offer.
 2. Documents and Credential as per Technical PQR, Techno Commercial Bids and Price Bids should be uploaded on the e-procurement portal.
 3. Evaluation will be done on overall L1 (Total cost to BHEL) basis with necessary loading as applicable. Incomplete offer or offer for part of NIT BOM/BOQ shall be summarily rejected.
- Please refer GCC Rev-06 which is available on www.bhelpe.com. You are requested to kindly download the same.

MR SUMEET SAHAY
SR ENGR/CMM
BHEL/PS-PEM
POWER PROJECT ENGINEERING INSTITUTE,
PLOT NO. 25, SECTOR - 16A, NOIDA (UP)
(OFF) 0120-4213532, 09999498202

1/6

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

[Signature]
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1. Rate contract on firm price basis for 2 year from placement of Rate Contract PO will be done with a provision for further extension after review on mutual consent.

Rate Contract will be done with 2 vendors in ratio of 60: 40 value wise at L1 FOR site price for Control Valves (% of splitting of RC between 2 vendors may be changed during ordering process if L1 bidder is not customer approved); however order for a project shall not be split and will be placed on single vendor.

L1 rates shall be counter offered to vendors (L2, L3 & so on) in succession. If none accepts L1 rates, RC shall be done with L1 vendor for 100 % value of BOQ mentioned in Annexure IIB. Vendors shall be asked to quote prices with CST against form C and same state ordering shall not be done to save VAT.

Evaluation will be done on overall L1 (Total cost to BHEL) basis with necessary loading as applicable. Incomplete offer or offer for part of NIT BOM/BOQ shall be summarily rejected.

2. Prices shall be firm.

3. Bidders to note the following:-

- Rate contracts shall be decided on the basis of grand Total FOR site price of Total BOQ of Control Valves as listed in price format (Annexure-I)
- Though evaluation is proposed on Grand Total FOR site of BOQ mentioned in Annexure I, but there is % allocation weightage against BOQ quantity of each item which shall be used for arriving at price break up. Bidders need to give only their Ex Works price of CV for given BOQ at sl no-A.52 column 9 -for Indigenous supplier BOQ/ sl no-A.52 column 18 for foreign supplier BOQ of Annexure I
- Indigenous bidders also requires to mention % of taxes/ duties (against respective column for ED, CST & Service Tax) applicable for each CV.
- Indigenous bidder to give % of freight charges considering anywhere in India in the freight column
- Rest of the prices shall be derived by BHEL in line with % allocation fixed for each item.
- For better clarity to the bidders where value is to be filled is noted as "to be quoted" and for other columns it will be noted as "derived" which denotes shall be derived by BHEL as per % allocation fixed against each item

4. Indigenous bidders to note that evaluation shall be done on CST basis, however in case, the entire business volume goes to one vendor (or volume of business shared between the vendors in line with enquiry) having manufacturing facility in the same state, then BHEL may do suitable amendment in PO on case to case basis for taking care the provision of VAT in case of project falling in the same State where manufacturing factory of the vendor is also located.

5. Refer Annexure I for tentative Qty of Control Valves, required for prospective projects, however indigenous bidders to consider delivery anywhere in India.

Project list is indicative only, BHEL may ask for delivery anywhere in India for any of the project added in the prospective project/ existing projects during RC period.

6. Expected Spares (Annexure I) are proposed to be considered for evaluation, however, bidders to note that ordering of the same is subject to received order of end customer i.e. in case end customer asked for Mandatory Spares along with main supply item then only order for Mandatory Spares shall be placed otherwise only main supply shall be taken.

TERMS AND CONDITIONS

- Procurement of the subject package shall be done through e-procurement
- Enquiry No., due date etc. must be legibly super scribed on the offers as per clause no. 2.0 of "Instructions to Bidders".
- Offers should be uploaded in two parts online at <https://bheleps.buyjunction.in> as follows:
 - Part-I Bid :- Documents and Credential as per Technical PQR and Techno-Commercial offer (along with un-priced copy of un-priced bid and un-priced schedule of Technical-Commercial Deviation, Annexure I & II)
 - Part II Bid :- Price Bid and Priced schedule of Technical-Commercial Deviation
- Terms and conditions:-
 - Part I bid will be opened on date & time mentioned in the NIT or subsequent corrigenda/amendments, if any.



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- b) Techno-commercial offer of only those bidders shall be evaluated who will meet the Technical pre-qualifying requirement of the tender.
5. Bidders shall submit their offers meeting the requirements of the following tender documents and other Terms and Conditions included in this Enquiry Letter:
- ANNEXURE-I of GCC Rev. 06: Letter to be furnished by the Bidders.
 - DEFINITION OF TERMS.
 - Volume-I: Comprising i) Part-A: Instructions to Bidders, ii) Part-B: General Commercial Terms & Conditions and iii) Special Conditions of Contract, if applicable.
 - Volume-II: Comprising i) Part-A: General Technical Conditions and, ii) Part-B: Technical Specification.
 - Volume-III: Schedules and Data Sheets.
- All the above Tender Documents shall automatically become a part of the Order/Contract after its finalisation.
6. Vendors shall quote in accordance with the requirements mentioned in the tender documents. In case of deviations (Technical/ Commercial), the same shall be highlighted separately giving Clause references along with the Cost of withdrawal of Deviations as per Annexure-II to GCC Rev 06 of "DEVIATION SHEET (COST OF WITHDRAWAL)" along with reasons for taking such deviations
Bidder to note all the points mentioned in "Notes" of Annexure-II to GCC Rev 06
7. Please note the following:
- a. Price format is enclosed for compliance.
 - b. SCC enclosed for compliance.
 - c. GCC enclosed for compliance. GCC Rev-06 is available on www.bhelpem.com. You are requested to kindly download the same.
8. Tenders shall be submitted strictly in accordance with the requirements of the above tender documents.
9. Standard pre-printed terms & conditions of the tenderers shall not be considered valid.
10. Validity of offer shall be as per Clause No. 7.0, "Instructions to Bidders" of GCC Rev 06.
11. Unsolicited fresh/revise Price Bids shall not be entertained.
12. 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.
13. Late tenders will be rejected.
14. Tenders and all correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address:
- | | |
|--|--|
| Mr. SUMEET SAHAY, SR ENGR, CMM
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301
Kind Attn: SUMEET SAHAY/ CMM
E-MAIL: sumeetsahay@bhelpem.co.in
Ph. No. 0120-4213532, 09999498202 | Mr. I P SINGH, SR MANAGER, CMM
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301
Kind Attn: I P SINGH/ CMM
E-MAIL: indra@bhelpem.co.in
Ph. No. 0120- 4218749, 09818989654 |
|--|--|
15. Definition of Terms is also enclosed. These definitions will apply to all the tender documents including this Enquiry Letter.
16. **Delivery:**
"Six (06) months from drgs. /docs. approval in CAT-I issued by BHEL. Successful bidder to make submission of drawing/docs as per "Schedule of submission of Drawing/Documents" mentioned in Volume II B of Technical Specification-PE-TS-20-145-I104, taking care of all the comments of BHEL. Any deficiency in documents submitted w.r.t. agreed specification/ comments from BHEL shall be treated as non-submission and no. of days delay in submission of complete documents during approval process, on account of this, would be reduced from the delivery. The vendor shall be responsible for getting approval from BHEL as early as possible and BHEL will support the process, in full, within above time frame and terms & conditions."
For Mandatory Spares: Mandatory Spares to be delivered within 04 months from manufacturing clearance. Separate dispatch/ manufacturing clearance will be issued for Mandatory Spares.
17. **PRE-QUALIFICATION REQUIREMENT:-**
Bidders is requested to fill up the details in "TECHNICAL PRE-QUALIFYING REQUIREMENT" as per the conditions mentioned in the PQR and also to submit the credentials.
Bids of only those bidders shall be evaluated who meet the Technical pre-qualifying requirements (if applicable).
18. Bidders to note that their bid shall be conditional subject to qualify PQR by registered vendors & non-registered vendors have to qualify PQR & get registered with PEM for the package.

MR SUMEET SAHAY
SR ENGR/CMM
BHEL/PS-PEM
POWER PROJECT ENGINEERING INSTITUTE,
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For registration in PEM "Bidders needs to apply & get registered for subject package with PEM before P-2 (price bid opening) & hence you need to apply online for registration on PEM web portal & have to enclose acknowledgement with this effect with the bid documents else your bid will not be considered for evaluation"

19. Indigenous Bidders have to quote freight charges in percentage of their quoted ex-works prices.
20. Limit on quantity variation shall be plus 30% of Contract Value (Ex Works) till validity of RC. The Purchaser shall have the right to increase or decrease quantities and scope upto the above extent of value and Seller/ Contractor shall be bound to accept the same at the contracted prices without any escalation.
21. Project list is indicative only, BHEL may ask for delivery anywhere in India for any of the project added in the prospective project/ existing projects during RC period.
22. Bidder has to submit "NO DEVIATION CERTIFICATE FOR TECHNO-COMMERCIAL TERMS AND CONDITIONS AS PER GCC (06), SCC AND NIT". In case of deviations, bidder to clearly mention the same with their techno-commercial offer as per Point No-6 of NIT.
23. All the above Tender Documents shall automatically become a part of the Order/Contract after its finalization.
24. The offers of the bidders who are on the banned list as also the offer 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.
25. "The Bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ 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."
26. BHEL Fraud prevention policy is also uploaded in vendor's section on www.bhelpem.com.
27. Bidders are requested to visit constantly our website to update them self for any technical or commercial change in the NIT.
28. All corrigenda, addenda, amendments, time extensions, clarifications etc. to the tender will be hosted on BHEL websites only (www.bhelpem.com, www.bhel.com & <https://bheleps.buyjunction.in>) under subject tender reference. Bidders are requested to visit our websites from time to time to keep themselves updated. **Bidders may go through the Sellers' manual & Help documents provided on E-Procurement Portal website & obtain required Digital Signature Certificate for participating in the subject Tender. For Bidders' convenience, the Helpdesk Nos. of E-Procurement Portal m-junction are also listed below:**

MJUNCTION HELPDESK Nos. 033-6601 1717, 9163348283 / 9163348284 / 9163348285 / 9163348286 / 8584008116 / 8584008205,
eps.customercare@mjunction.in
CRM Contact Details:

Mr. Santosh Kumar - Cell No. 09717149600, santosh.kumar@mjunction.in

Ms. Rimi Ghosh - Cell No 09650044156, rimi.ghosh@mjunction.in

28. CIF allocation is not applicable for this package
29. Bidders to submit their offers strictly in line with the enclosed price format.
30. Inspection shall be done by BHEL/ END CUSTOMER/Third party Agency (finalized by BHEL).
31. Any other taxes & duties applicable on the date of bid but not quoted by the bidders shall be to bidder account.
32. Delivery terms for dispatches shall be FOR Dispatch Station for Indigenous bidders & C&F for foreign bidders.
33. This enquiry is subject to Conditions/ limits if any imposed in PMD / Vendor registration.
34. Foreign & indigenous bidders participating through open/limited tender will necessarily have to buy class III DSCs issued by the certifying authorities in India. Basic procedure/ checklist is uploaded on www.bhel.com. Non- registered bidder to submit the credentials required for Registration in BHEL PEM: -
"Online Registration Portal is operational in BHEL. Non-registered Vendors, who wish to apply for registration with BHEL-PEM, have to apply through Online Registration Portal available at www.bhelpem.com - vendor section - Online Supplier Registration. All credentials and/or documents duly signed and stamped related to registration has to be uploaded on the website and submit the application for registration. One set of hard copy of the filled-up SRF downloaded from Online Registration Portal duly signed and stamped has to be submitted."
35. Purchaser reserves the right to split up the scope of the tender enquiry and place the orders for different scope/ items with different bidders and also increase or decrease the quantity.
36. BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer 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. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

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SR ENGR/CMM
BHEL/PS-PEM
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Handwritten signature

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The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer. The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates.

If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com)."

As a reminder to the bidders, system will flash following message (in RED Color) during the course of 'online sealed bid':

"Bidders to submit online sealed bid less than or equal to their envelope sealed bid already submitted to BHEL"

Detailed guidelines of reverse auction 2016 are available in "information section" of www.bhelpem.com, same are applicable for subject tender.

The Bidders has to quote the Single Price (i.e. Total Cost to BHEL) in Reverse Auction. Price are to be inclusive of Packing & Forwarding charges, all the routine & type tests as per tender scope, ED + cess, CST against C-form/VAT, Freight as applicable, insurance charges, etc. including loading (if any). De-loading (if any) shall be done in line with SCC.

IMPORTANT INSTRUCTION TO BIDDERS IN CASE OF REVERSE AUCTION

The Bidders has to quote the Single Price (i.e. Total Cost to BHEL) in Reverse Auction i.e. Price mentioned in SI no-E, column -14 (Rs Y) for indigenous bidders with loading/de loading (if any)/ Price mentioned in SI no-E, column -18 (N) for foreign bidders with loading/de loading (if any) . Price are to be inclusive of Packing & Forwarding charges, all the routine & type tests as per tender scope, ED + cess, CST against C-form/VAT, Freight as applicable, Service Tax, including loading (if any). De-loading (if any) shall be done in line with NIT terms.

Following Condition in Reverse Auction shall be treated as follows:

Case-I (Taxes & duties and freight are identical in Reverse Auction & Conventional Price Bid)

Resolution: - Ordering shall be done on lower of the two bids (RA closing price & Conventional Price Bid). After successful completion of reverse auction L1 bidder shall be asked to submit break up in line with taxes & duties, freight quoted in their Conventional Price Bid.

Case-II (In case Bidder has quoted 'CST' in Conventional Price Bid and applicable Tax is 'VAT')

Resolution: - "Total Cost to BHEL shall be maintained by reducing proportion amount in Ex-works quoted by Bidder".

Case-III (In case Bidder has quoted 'VAT' in Conventional Price Bid and applicable Tax is 'CST')

Resolution: - Conventional Bid/RA quoted Prices shall be reduced and CST will be allowed.

Statutory variation shall be applicable.

Any new tax structure (like Goods & Services Tax) as and when implemented by the Government shall become applicable in addition to or in lieu of existing tax structure.

Note: - Applicable taxes & duties shall be determined as per location of works of bidder.

Kindly consider the same while quoting the tender.

37. If any bidder has mentioned the term Not Applicable / Not required / Not Quoted in BHEL price format. The bidder needs to substantiate the same. If the same item will be required in future for the system same will be supplied free of cost.
38. Foreign Suppliers & Indian agents of foreign suppliers: Please refer our website <http://www.bhelpem.com/Tenders.aspx> for details.
39. L1 bidder will have to submit Bank Guarantee for each POs (irrespective of value) which will be placed under the Rate Contract finalised through this tender considering RA as original contract as per format mentioned in Annexure B to NIT instead of format mentioned in GCC Rev 06
40. Bidder to note that all other terms and condition shall be strictly as per NIT, GCC Rev. 06 & SCC. In the event of any contradiction in the terms and conditions mentioned, the order of preference shall be NIT (this letter) / SCC / GCC Rev. 06.
41. "If any bidder uploads price bid in the unpriced section (techno-commercial attachment page) of the tender in e-procurement, in that case bidder(s) shall only be responsible for such mistake and any consequences thereof. Hence all bidders are requested to be more careful at the time of uploading the Unpriced and Price Bid for Part-I and Part-II respectively to avoid mismatch".

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42. Vendors shall have to enter into Integrity Pact (IP) with BHEL. The Integrity pact shall be returned by the bidder along with their Techno-commercial Bid, duly filled & signed by the authorized signatory and will form part of the order. Only those vendors/bidders who enter into Integrity Pact with BHEL, would be qualified to participate in the bidding Process. (Refer Annexure-IX, as per GCC Rev-06). To oversee implementation of IP, Mrs Pravin Tripathi, IA and AS (Retd.), has been appointed as IEM (Independent External Monitor) by BHEL.

43. Foreign bidders will have to quote C & F (cost & freight) basis instead of FOB.

For importing materials on C&F basis, bidders to note following:

- In case of foreign bidders, the quoted C&F price shall be loaded by factors mentioned in GCC cl no-19.4, ITB, to arrive at total FOR Site price and evaluation will be done on FOR price in Indian currency.
- As per Incoterms (CFR), risk transfers to buyer when the goods have been loaded on board the ship in the country of Export. Hence, shipped on board date mentioned on the clean Bill of Lading or Air way Bill, shall be treated as the date of Shipment/Dispatch for all contractual purposes including calculation of LD.
- Usance period (90 days) of the L/C shall start from the date of Bill of lading/Air Way Bill.
- Bill of Lading shall be considered as equivalent document (refer clause 9.7.1 b OF GCC rev-06) for recognition of dispatch.
- For claiming payment under clause 9.1.1 and 9.2.1 Bill of lading shall be considered instead of receipted LR (refer clause 9.7.2 b of GCC rev-06)
- Freight is to be quoted as inclusive in basic price by vendor and is not to be quoted separately.
- Insurance for evaluation purposes shall be @ 0.1 % of quoted C&F price.
- There will be no change in MRC payment.

Note: Tenderer must submit UN-PRICED Price format duly filled in mentioning the word "QUOTED" in place of actual price given in sealed price bid.

Thanking you,
Yours faithfully,
For and on behalf of BHEL

(Signature of official with Name & Designation)

Enclosure:

- Enquiry Terms & Conditions
- Price Format (Prices should be quoted in this format only)
- Techno-Commercial Deviation Sheet (Annexure-II to GCC Rev 06)
- BOQ & Technical Specifications
- SCC – ANNEXURE A
- Technical PQR
- Annexure B - BG Format



ANNEXURE-II: DEVIATION SHEET (COST OF WITHDRAWAL)

PACKAGE:- CONTROL VALVES

SL NO	VOLUME/ SECTION	PAGE NO.	CLAUSE NO.	TECHNICAL SPECIFICATION/ TENDER DOCUMENT	COMPLETE DESCRIPTION OF DEVIATION	COST OF WITHDRAWAL OF DEVIATION	REFERENCE OF PRICE SCHEDULE ON WHICH COST OF WITHDRAWAL OF DEVIATION IS APPLICABLE	NATURE OF COST OF WITHDRAWAL OF DEVIATION (POSITIVE/ NEGATIVE)	REASONS FOR QUOTING DEVIATION
TECHNICAL DEVIATIONS									
COMMERCIAL DEVIATIONS									
PARTICULARS OF BIDDERS/ AUTHORISED REPRESENTATIVE									

NOTES:

1. For self manufactured items of bidder, cost of withdrawal of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only.
2. For directly dispatchable items, cost of withdrawal of deviation will be applicable on the basic price including taxes, duties & freight.
3. All the bidders have to list out all their Technical & Commercial Deviations (if any) in detail in the above format.
4. Any deviation not mentioned above and shown separately or found hidden in offer, will not be taken cognizance of.
5. Bidder shall submit duly filled unpriced copy of above format indicating "quoted" in "cost of withdrawal of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable
6. Bidder shall furnish price copy of above format along with price bid.
7. The final decision of acceptance/ rejection of the deviations quoted by the bidder shall be at discretion of the Purchaser.
8. Bidders to note that any deviation (technical/commercial) not listed in above and asked after Part-I opening shall not be considered
9. For deviations w.r.t. Payment terms, Liquidated damages, Firm prices and submission of E1/ E2 forms before claiming 10% payment, if a bidder chooses not to give any cost of withdrawal of deviation loading as per Annexure-VIII of GCC, Rev-06 will apply. For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawal of deviation shall be taken as NIL.
10. Any deviation mentioned in priced copy of this format, but not mentioned in the un-priced copy, shall not be accepted.
11. All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of this format.
12. Cost of withdrawal is to be given separately for each deviation. In no event bidder should club cost of withdrawal of more than one deviation else cost of withdrawal of such deviations which have been clubbed together shall be considered as NIL.
13. In case nature of cost of withdrawal (positive/negative) is not specified it shall be assumed as positive.
14. In case of discrepancy in the nature of impact (positive/ negative), positive will be considered for evaluation and negative for ordering.

SUMEEET SAHAY
Engineer (PG-I-2)

ANNEX-III TO NIT REF NO-PE/PG/RTC/E-5619/2017, DTD-15.05.2017

Sl no.	Prospective Project List
1	1X800 MW VIJAYWADA APGENCO
2	250MW NSPCL ROURKELA TPS
3	5X800MW YADRADRI
4	1X800 MW KRISHNAPSTNAM APPDCL
5	2X660MW MAITREE BANGLADESH
6	1X800 MW TANGEDCO NORTH CHENNAI TPP
7	2X660 MW ENNORE SEZ STPP
8	2X800 MW UPPUR STPP


15/5
सुमीत साहाय / SUMEET SAHAY
वरिष्ठ अभियन्ता (पी.जी. नं-2) / Sr. Engineer (PG-I-2)
भारत हेवी इलेक्ट्रिकल्स लिमिटेड / Bharat Heavy Electricals Ltd.
पावर सेक्टर, वरिष्ठोत्तरा इजीनियरिंग प्रबन्धन
Power Sector, Project Engineering Management
प्लॉट नं. 25, सेक्टर-16ए, नोडा-201 301
Plot No. 25, Sector-16A, Noida-201 301

ANNEXURE- A TO NIT REF NO-PE/PG/RTC/E-5619/2017, DTD-15.05.2017

SPECIAL CONDITION OF RATE CONTRACT FOR CONTROL VALVES

1. BHEL/PEM intends to enter into Rate Contract for the tendered various type/sizes initially for a period of two year. The Rate Contract shall come into force from the date of issue of Purchase order for Rate Contract. Validity for ordering shall be two year from the purchase order for Rate Contract.
2. Transit Insurance is in BHEL scope
3. The items will be required against respective projects. Exact quantities and Project information shall be intimated while placing order for a specific project based on the Rate Contract.
4. In case of Indigenous bidders, the freight charges shall be payable, as calculated at percentage of ex-works prices quoted by the bidder or actual freight charges paid to transporter whichever is lower against production of documentary evidence. Vendor to quote freight charges as percentage (%) of ex-works price for destination anywhere in India.
5. Indigenous vendor to note that Excise Duty is payable on self-manufacturing item only as per clause no 4.1.2 of GCC Rev 06 & hence for their BOI may quote Excise Duty is inclusive or Nil.
6. The prices shall remain firm during the period of two year with a provision for further extension after review on mutual consent.
7. **In case of Indigenous bidders:** Inspection of materials shall be carried out by BHEL/CQA and or by Customer or by an authorized agency at manufacture's works before dispatch, if required. Dispatch of material to be done, only after receipt of BHEL/Customer MDCC. It is responsibility of vendor to for obtain Material Dispatch Clearance Certificate (MDCC) from BHEL or Customer as required before dispatch of material.

Vendor shall give inspection call on BHEL-CQS web site to applicable inspection agency with a copy of inspection call to BHEL-PEM for arranging Customer participation (if applicable) in inspection / Joint inspection on the proposed date with an advance notice of 15 working days. Inspection charges shall be paid by BHEL-PEM.

Items have to be manufactured as per specification and supplied strictly in accordance with the approved BHEL / Customer's Drawings & Quality Plan. The items/ test certificate of items, which for any reason are not acceptable to BHEL / Customer, shall be required to be retested. No extra charge shall be payable on those account by BHEL.

8. In case of Foreign Bidders:

In case of Imported Supplies, advance notice of 30 days for participation in inspection (if applicable, in line with approved QAP/ Customer Hold Points) shall be given by vendor. Third party inspection agency shall be informed to vendor by BHEL-PEM.

Test Certificates / Inspection reports (as applicable) duly accepted by the Inspection agency in line with approved QAP/ Customer Hold Points shall be submitted to BHEL/PEM, NOIDA. The above Inspection reports / Test certificates shall be reviewed by PEM-Engineering in line with the Technical Specifications & Approved Data sheets and then sent to Customer for their clearance. The dispatch clearance (MDCC) by Customer shall be given to the foreign supplier (or their representative in India) through BHEL/PEM after acceptance of above test certificates by Customer. Inspection charges shall be borne by the vendor and the same shall be included in his offer to BHEL-PEM.

Items have to be manufactured as per specification and supplied strictly in accordance with the approved BHEL / Customer's Drawings & Quality Plan. The items/ test certificate of items, which for any reason are not acceptable to BHEL / Customer, shall be required to be retested. No extra charge shall be payable on those account by BHEL.

9. Mode dispatch for indigenous vendors shall be by road through Schedule Bank/BHEL (PEM) approved transporters.
10. Other terms and conditions shall be as per Standard Technical specification no. PE-TS-20-145-I104 & GCC Rev 06, Enquiry letter.
11. This enquiry is subject to Conditions/ limits if any imposed in PMD/ Vendor registration.
12. Tentative quantity is given in enquiry.
13. Bidders to submit offer for RC of said items ONLINE via e-Procurement System only. Complete tender in all respects duly signed & stamped on each and every page by the authorized signatory of the bidder as a token of acceptance of all the terms and conditions of tender.
14. The Bidder along with its associate/ collaborators/ sub-contractors/ sub-vendor/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL web site <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud as soon as it comes to their notice.


सुमित सहय / SUMIT SAHAY
वर्गिक अभियन्ता (पी जी ए-21/5) डिप्टी प्रो. (PE-2)
भारत हेवी इलेक्ट्रिकल्स लिमिटेड / Bharat Heavy Electricals Ltd.
पावर सेक्टर-प्रोजेक्ट्स इन्जीनियरिंग प्रो. म.
Power Sector-Project Engineering Management
प्लॉट नं.-25, सेक्टर-16ए, नोएडा-201 301
Plot No. 25, Sector-16A, Noida-201 301



RATE CONTRACT

PRICE SCHEDULE FOR CONTROL VALVES (REV 00)

NAME OF VENDOR-

					INDIGENOUS VENDOR								FOREIGN VENDOR				
SL NO	ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT EX-WORKS PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL EX WORKS PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 9 (IN %AGE)	UNIT EX-WORKS PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL EX WORKS PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 9 (IN %AGE)	TOTAL EX-WORKS PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL EX WORKS PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 9 (IN %AGE)	TOTAL EX- WORKS PRICE (DULY PACKED) (INR)	ED (INCLUDING CESS) @ % (INR)	CST @ % AGAINST FORM 'C' /E/II (INR)	SERVICE TAX (IN %AGE) (INR)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @ % OF TOTAL EX WORKS (INR)	TOTAL F.O.R SITE PRICE (INR)	UNIT C & F PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 18 INDIAN SEA PORT (CURRENCY)	UNIT C & F PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 18 INDIAN SEA PORT (CURRENCY)	TOTAL C & F PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 18 INDIAN SEA PORT (CURRENCY)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A		CONTROL VALVES															
A.1	CV1.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A1 and B1	1	NO.	0.204	Derived	0.204	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.204	Derived	0.204	Derived
A.2	CV1.2	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A1 and B2	14	NO.	0.298	Derived	4.173	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.298	Derived	4.173	Derived
A.3	CV2.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A2 and B1	1	NO.	0.176	Derived	0.176	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.176	Derived	0.176	Derived
A.4	CV2.2	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A2 and B1	14	NO.	0.462	Derived	6.466	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.462	Derived	6.466	Derived
A.5	CV3.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A3 and B1	7	NO.	0.133	Derived	0.929	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.133	Derived	0.929	Derived
A.6	CV4.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A4 and B2	11	NO.	0.046	Derived	0.507	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.046	Derived	0.507	Derived
A.7	CV5.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A5 and B2	1	NO.	0.048	Derived	0.048	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.048	Derived	0.048	Derived
A.8	CV5.2	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A5 and B2	15	NO.	0.106	Derived	1.584	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.106	Derived	1.584	Derived
A.9	CV6.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A6 and B1	15	NO.	0.189	Derived	2.833	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.189	Derived	2.833	Derived
A.10	CV7.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A7 and B1	9	NO.	0.194	Derived	1.743	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.194	Derived	1.743	Derived
A.11	CV8.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A8 and B1	1	NO.	0.197	Derived	0.197	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.197	Derived	0.197	Derived
A.12	CV8.2	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A8 and B1	1	NO.	0.360	Derived	0.360	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.360	Derived	0.360	Derived
A.13	CV8.3	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A8 and B1	28	NO.	0.469	Derived	13.122	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.469	Derived	13.122	Derived
A.14	CV9.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A9 and B1	15	NO.	0.170	Derived	2.553	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.170	Derived	2.553	Derived
A.15	CV10.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A10 and B1	15	NO.	0.071	Derived	1.067	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.071	Derived	1.067	Derived
A.16	CV11.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A11 and B1	1	NO.	0.114	Derived	0.114	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.114	Derived	0.114	Derived
A.17	CV11.2	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A11 and B1	2	NO.	0.132	Derived	0.264	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.132	Derived	0.264	Derived
A.18	CV11.3	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A11 and B1	52	NO.	0.145	Derived	7.527	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.145	Derived	7.527	Derived
A.19	CV12.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A12 and B1	3	NO.	0.132	Derived	0.396	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.132	Derived	0.396	Derived
A.20	CV12.2	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A12 and B1	52	NO.	0.151	Derived	7.828	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.151	Derived	7.828	Derived
A.21	CV13.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A13 and B1	26	NO.	0.115	Derived	2.992	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.115	Derived	2.992	Derived
A.22	CV13.2	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A13 and B1	2	NO.	0.184	Derived	0.368	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.184	Derived	0.368	Derived
A.23	CV14.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A14 and B1	24	NO.	0.123	Derived	2.955	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.123	Derived	2.955	Derived

28/12/17

SL NO	ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT EX-WORKS PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL EX WORKS PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 9 (IN %AGE)	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL EX WORKS PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 9 (IN %AGE)	TOTAL EX- WORKS PRICE (DULY PACKED) (INR)	ED (INCLUDING CESS) @ % (INR)	CST @ % AGAINST FORM 'C' /EI/EII (INR)	SERVICE TAX (IN %AGE) (INR)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @ % OF TOTAL EX WORKS (INR)	TOTAL F.O.R SITE PRICE (INR)	UNIT C & F PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 18 INDIAN SEA PORT (IN %AGE)	UNIT C & F PRICE (DULY PACKED) (CURRENCY)	UNIT C & F PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 18 INDIAN SEA PORT (IN %AGE)	TOTAL C & F PRICE (DULY PACKED) INDIAN SEA PORT (CURRENCY)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A.24	CV14.2	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A14 and B1	2	NO.	0.194	Derived	0.388	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.194	Derived	0.388	Derived
A.25	CV15.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A15 and B1	1	NO.	0.083	Derived	0.083	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.083	Derived	0.083	Derived
A.26	CV15.2	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A15 and B1	1	NO.	0.100	Derived	0.100	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.100	Derived	0.100	Derived
A.27	CV15.3	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A15 and B1	2	NO.	0.118	Derived	0.236	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.118	Derived	0.236	Derived
A.28	CV15.4	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A15 and B1	2	NO.	0.213	Derived	0.427	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.213	Derived	0.427	Derived
A.29	CV15.5	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A15 and B1	2	NO.	0.266	Derived	0.533	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.266	Derived	0.533	Derived
A.30	CV16.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A16 and B1	9	NO.	0.088	Derived	0.796	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.088	Derived	0.796	Derived
A.31	CV16.2	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A16 and B1	5	NO.	0.100	Derived	0.501	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.100	Derived	0.501	Derived
A.32	CV16.3	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A16 and B1	5	NO.	0.143	Derived	0.717	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.143	Derived	0.717	Derived
A.33	CV16.4	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A16 and B1	7	NO.	0.224	Derived	1.571	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.224	Derived	1.571	Derived
A.34	CV17.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A17 and B1	2	NO.	0.087	Derived	0.175	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.087	Derived	0.175	Derived
A.35	CV17.2	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A17 and B1	19	NO.	0.119	Derived	2.260	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.119	Derived	2.260	Derived
A.36	CV17.3	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A17 and B1	5	NO.	0.181	Derived	0.907	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.181	Derived	0.907	Derived
A.37	CV17.4	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A17 and B1	9	NO.	0.184	Derived	1.656	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.184	Derived	1.656	Derived
A.38	CV17.5	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A17 and B1	7	NO.	0.216	Derived	1.513	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.216	Derived	1.513	Derived
A.39	CV17.6	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A17 and B1	5	NO.	0.271	Derived	1.353	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.271	Derived	1.353	Derived
A.40	CV18.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A18 and B1	18	NO.	0.107	Derived	1.932	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.107	Derived	1.932	Derived
A.41	CV18.2	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A18 and B1	7	NO.	0.145	Derived	1.013	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.145	Derived	1.013	Derived
A.42	CV18.3	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A18 and B1	5	NO.	0.201	Derived	1.006	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.201	Derived	1.006	Derived
A.43	CV19.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A19 and B1	12	NO.	0.135	Derived	1.618	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.135	Derived	1.618	Derived
A.44	CV20.1	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A20 and B1	1	NO.	0.085	Derived	0.085	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.085	Derived	0.085	Derived
A.45	CV20.2	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A20 and B1	1	NO.	0.131	Derived	0.131	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.131	Derived	0.131	Derived
A.46	CV20.3	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A20 and B1	1	NO.	0.164	Derived	0.164	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.164	Derived	0.164	Derived
A.47	CV20.4	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A20 and B1	1	NO.	0.320	Derived	0.320	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.320	Derived	0.320	Derived
A.48	CV20.5	CONTROL VALVE COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A20 and B1	4	NO.	0.382	Derived	1.530	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.382	Derived	1.530	Derived



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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A.49	CV21.1	CONTROL VALVE with MULTI STAGE , MULTI PATH TRIM DESIGN; COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A21 and B1	16	NO.	1.205	Derived	19.272	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	1.205	Derived	19.272	Derived
A.50	CV22.1	CONTROL VALVE with MULTI STAGE , MULTI PATH TRIM DESIGN; COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A22 and B1	1	NO.	0.869	Derived	0.869	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.869	Derived	0.869	Derived
A.51	CV23.1	CONTROL VALVE with MULTI STAGE , MULTI PATH TRIM DESIGN; COMPLETE WITH ALL ACCESSORIES MOUNTED, TUBED AND TERMINATED ON JB AS PER DATASHEETS A23 and B1	1	NO.	0.438	Derived	0.438	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.438	Derived	0.438	Derived
A.52		TOTAL (A.1 TO A.51)					100.000	TO BE QUOTED = Rs X	Derived	Derived		Derived	Derived			100.000	TO BE QUOTED = M
B		VALVES TRIM															
B.1	TRM 1.1	VALVE TRIM FOR CV1.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A1	1	NO.	0.039	Derived	0.039	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.039	Derived	0.039	Derived
B.2	TRM 1.2	VALVE TRIM FOR CV1.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A1	10	NO.	0.065	Derived	0.652	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.065	Derived	0.652	Derived
B.3	TRM 2.1	VALVE TRIM FOR CV2.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A2	1	NO.	0.039	Derived	0.039	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.039	Derived	0.039	Derived
B.4	TRM 2.2	VALVE TRIM FOR CV2.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A2	10	NO.	0.104	Derived	1.038	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.104	Derived	1.038	Derived
B.5	TRM 3.1	VALVE TRIM FOR CV3.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A3	4	NO.	0.074	Derived	0.294	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.074	Derived	0.294	Derived
B.6	TRM 4.1	VALVE TRIM FOR CV4.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A4	6	NO.	0.010	Derived	0.062	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.010	Derived	0.062	Derived
B.7	TRM 5.1	VALVE TRIM FOR CV5.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A5	1	NO.	0.009	Derived	0.009	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.009	Derived	0.009	Derived
B.8	TRM 5.2	VALVE TRIM FOR CV5.2 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A5	10	NO.	0.019	Derived	0.193	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.019	Derived	0.193	Derived
B.9	TRM 6.1	MULTI STAGE , MULTI PATH VALVE TRIM FOR CV6.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A6	10	NO.	0.051	Derived	0.510	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.051	Derived	0.510	Derived
B.10	TRM 7.1	VALVE TRIM FOR CV7.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A7	3	NO.	0.062	Derived	0.186	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.062	Derived	0.186	Derived
B.11	TRM 8.1	VALVE TRIM FOR CV8.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A8	1	NO.	0.039	Derived	0.039	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.039	Derived	0.039	Derived
B.12	TRM 8.2	VALVE TRIM FOR CV8.2 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A8	1	NO.	0.061	Derived	0.061	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.061	Derived	0.061	Derived
B.13	TRM 8.3	VALVE TRIM FOR CV8.3 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A8	10	NO.	0.091	Derived	0.911	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.091	Derived	0.911	Derived
B.14	TRM 9.1	VALVE TRIM FOR CV9.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A9	10	NO.	0.065	Derived	0.646	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.065	Derived	0.646	Derived
B.15	TRM 10.1	VALVE TRIM FOR CV10.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A10	10	NO.	0.013	Derived	0.134	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.013	Derived	0.134	Derived
B.16	TRM 11.1	VALVE TRIM FOR CV11.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A11	1	NO.	0.009	Derived	0.009	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.009	Derived	0.009	Derived
B.17	TRM 11.2	VALVE TRIM FOR CV11.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A11	1	NO.	0.012	Derived	0.012	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.012	Derived	0.012	Derived
B.18	TRM 11.3	VALVE TRIM FOR CV11.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A11	26	NO.	0.027	Derived	0.692	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.027	Derived	0.692	Derived
B.19	TRM 12.1	VALVE TRIM FOR CV12.1 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A12	1	NO.	0.012	Derived	0.012	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.012	Derived	0.012	Derived
B.20	TRM 12.2	VALVE TRIM FOR CV12.2 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A12	26	NO.	0.032	Derived	0.821	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.032	Derived	0.821	Derived

08/12/25

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
B.21	TRM 13.1	VALVE TRIM FOR CV13.1 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A13	13	NO.	0.019	Derived	0.249	Derived	% TO BE QUOTED	% TO BE QUOTED		% AS QUOTED FOR SL NO A	Derived	0.019	Derived	0.249	Derived
B.22	TRM 13.2	VALVE TRIM FOR CV13.2 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A13	2	NO.	0.071	Derived	0.141	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.071	Derived	0.141	Derived
B.23	TRM 14.1	VALVE TRIM FOR CV14.1 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A14	13	NO.	0.025	Derived	0.328	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.025	Derived	0.328	Derived
B.24	TRM 14.2	VALVE TRIM FOR CV14.2 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A14	2	NO.	0.075	Derived	0.151	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.075	Derived	0.151	Derived
B.25	TRM 15.1	VALVE TRIM FOR CV15.1 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A15	1	NO.	0.009	Derived	0.009	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.009	Derived	0.009	Derived
B.26	TRM 15.2	VALVE TRIM FOR CV15.1 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A15	1	NO.	0.012	Derived	0.012	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.012	Derived	0.012	Derived
B.27	TRM 15.3	VALVE TRIM FOR CV15.1 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A15	1	NO.	0.015	Derived	0.015	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.015	Derived	0.015	Derived
B.28	TRM 15.4	VALVE TRIM FOR CV15.2 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A15	2	NO.	0.089	Derived	0.178	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.089	Derived	0.178	Derived
B.29	TRM 15.5	VALVE TRIM FOR CV15.3 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A15	2	NO.	0.110	Derived	0.220	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.110	Derived	0.220	Derived
B.30	TRM 16.1	VALVE TRIM FOR CV16.1 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A16	6	NO.	0.018	Derived	0.109	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.018	Derived	0.109	Derived
B.31	TRM 16.2	VALVE TRIM FOR CV16.2 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A16	4	NO.	0.012	Derived	0.047	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.012	Derived	0.047	Derived
B.32	TRM 16.3	VALVE TRIM FOR CV16.3 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A16	4	NO.	0.015	Derived	0.058	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.015	Derived	0.058	Derived
B.33	TRM 16.4	VALVE TRIM FOR CV16.4 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A16	4	NO.	0.027	Derived	0.107	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.027	Derived	0.107	Derived
B.34	TRM 17.1	VALVE TRIM FOR CV17.1 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A17	1	NO.	0.011	Derived	0.011	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.011	Derived	0.011	Derived
B.35	TRM 17.2	VALVE TRIM FOR CV17.1 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A17	12	NO.	0.019	Derived	0.227	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.019	Derived	0.227	Derived
B.36	TRM 17.3	VALVE TRIM FOR CV17.2 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A17	4	NO.	0.053	Derived	0.213	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.053	Derived	0.213	Derived
B.37	TRM 17.4	VALVE TRIM FOR CV17.3 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A17	6	NO.	0.065	Derived	0.388	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.065	Derived	0.388	Derived
B.38	TRM 17.5	VALVE TRIM FOR CV17.4 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A17	4	NO.	0.053	Derived	0.214	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.053	Derived	0.214	Derived
B.39	TRM 17.6	VALVE TRIM FOR CV17.5 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A17	4	NO.	0.059	Derived	0.238	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.059	Derived	0.238	Derived
B.40	TRM 18.1	VALVE TRIM FOR CV18.1 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A18	10	NO.	0.022	Derived	0.222	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.022	Derived	0.222	Derived
B.41	TRM 18.2	VALVE TRIM FOR CV18.2 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A18	6	NO.	0.030	Derived	0.178	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.030	Derived	0.178	Derived
B.42	TRM 18.3	VALVE TRIM FOR CV18.3 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A18	4	NO.	0.040	Derived	0.160	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.040	Derived	0.160	Derived
B.43	TRM 19.1	VALVE TRIM FOR CV19.1 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A19	10	NO.	0.025	Derived	0.245	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.025	Derived	0.245	Derived
B.44	TRM 20.1	VALVE TRIM FOR CV20.1 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A20	1	NO.	0.012	Derived	0.012	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.012	Derived	0.012	Derived
B.45	TRM 20.2	VALVE TRIM FOR CV20.2 (MAIN BOQ) INCLUDING CAGE, PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A20	1	NO.	0.025	Derived	0.025	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.025	Derived	0.025	Derived



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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
B.46	TRM 20.3	VALVE TRIM FOR CV20.3 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A20	1	NO.	0.033	Derived	0.033	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.033	Derived	0.033	Derived
B.47	TRM 20.4	VALVE TRIM FOR CV20.4 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A20	1	NO.	0.040	Derived	0.040	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.040	Derived	0.040	Derived
B.48	TRM 20.5	VALVE TRIM FOR CV20.5 (MAIN BOQ) INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, ETC. AS PER DATASHEET A20	2	NO.	0.048	Derived	0.096	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.048	Derived	0.096	Derived
B.49	TRM 21.1	MULTI STAGE , MULTI PATH VALVE TRIM FOR CV21.1(MAIN BOQ)INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, AS PER DATASHEET A21	10	NO.	0.284	Derived	2.842	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.284	Derived	2.842	Derived
B.50	TRM 22.1	TRIM FOR CV22.1(MAIN BOQ)INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, AS PER DATASHEET A22	1	NO.	0.150	Derived	0.150	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.150	Derived	0.150	Derived
B.51	TRM 23.1	TRIM FOR CV23.1(MAIN BOQ)INCLUDING CAGE,PLUG, PLUG STEM, SEAT RINGS, GUIDE BUSHINGS, AS PER DATASHEET A23	1	NO.	0.049	Derived	0.049	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.049	Derived	0.049	Derived
B.52		TOTAL (B.1 TO B.51)						Derived	Derived	Derived		Derived					Derived
C		CONTROL VALVES COMPONENTS & ACCESSORIES															
C.1	AC1	ADVANCE DIAGNOSTIC SOFTWARE (FOR min 40 TAGS) FOR CONFIGURATION, DIAGNOSTIC, CALIBRATION & TESTING (refer spec for SMART POSITIONER)	15	NOS.	0.067	Derived	1.002	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.067	Derived	1.002	Derived
C.2	AC2	UNIVERSAL HAND HELD HART CALIBRATOR	15	NOS.	0.215	Derived	3.221	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.215	Derived	3.221	Derived
C.3	AC3	DESKTOP PC (INDUSTRIAL GRADE)	10	NOS.	0.138	Derived	1.383	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.138	Derived	1.383	Derived
C.4	AC4	COMPUTER furniture (table & chair as per spec)	10	NOS.	0.014	Derived	0.142	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.014	Derived	0.142	Derived
C.5	AC5	DIAPHRAGM - upto 14" size	80	NOS.	0.001	Derived	0.061	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.001	Derived	0.061	Derived
C.6	AC6	DIAPHRAGM - 15" to 18" size	340	NOS.	0.001	Derived	0.322	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.001	Derived	0.322	Derived
C.7	AC7	DIAPHRAGM - > 18" size	5	NOS.	0.002	Derived	0.012	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.002	Derived	0.012	Derived
C.8	AC8	ACTUATOR ASSEMBLY for Diaphragm Actuator - upto 14" diaphragm size	20	NOS.	0.008	Derived	0.161	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.008	Derived	0.161	Derived
C.9	AC9	ACTUATOR ASSEMBLY for Diaphragm Actuator - 15" to 18" diaphragm size	35	NOS.	0.018	Derived	0.647	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.018	Derived	0.647	Derived
C.10	AC10	ACTUATOR ASSEMBLY for Diaphragm Actuator - > 18" diaphragm size	5	NOS.	0.046	Derived	0.232	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.046	Derived	0.232	Derived
C.11	AC11	ACTUATOR ASSEMBLY for Piston Cylinder Actuator - upto 16" dia. Piston	10	NOS.	0.072	Derived	0.720	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.072	Derived	0.720	Derived
C.12	AC12	ACTUATOR ASSEMBLY for Piston Cylinder Actuator - 16" to 20" dia. Piston	10	NOS.	0.104	Derived	1.042	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.104	Derived	1.042	Derived
C.13	AC13	ACTUATOR ASSEMBLY for Piston Cylinder Actuator - > 20" dia. Piston	5	NOS.	0.116	Derived	0.579	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.116	Derived	0.579	Derived
C.14	AC14	'O' rings, seal kit for piston actuator - upto 16" dia. Piston	20	NOS.	0.001	Derived	0.019	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.001	Derived	0.019	Derived
C.15	AC15	'O' rings, seal kit for piston actuator - 17" to 20" dia. Piston	10	NOS.	0.002	Derived	0.019	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.002	Derived	0.019	Derived
C.16	AC16	'O' rings, seal kit for piston actuator - > 20" dia. Piston	5	NOS.	0.003	Derived	0.014	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.003	Derived	0.014	Derived
C.17	AC17	Complete set of packing for each control valve	220	SETS	0.001	Derived	0.167	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.001	Derived	0.167	Derived
C.18	AC18	Complete set of gaskets for each control valve	220	SETS	0.000	Derived	0.104	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.000	Derived	0.104	Derived
C.19	AC19	AIR LOCK RELAY	100	NOS.	0.001	Derived	0.101	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.001	Derived	0.101	Derived
C.20	AC20	AIR FILTER REGULATOR/PRESSURE REGULATOR	100	NOS.	0.001	Derived	0.066	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.001	Derived	0.066	Derived
C.21	AC21	VOLUME BOOSTER	30	NOS.	0.004	Derived	0.119	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.004	Derived	0.119	Derived
C.22	AC22	PRESSURE GAUGES	20	NOS.	0.000	Derived	0.004	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.000	Derived	0.004	Derived
C.23	AC23	SOLENOID VALVE	110	NOS.	0.005	Derived	0.521	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.005	Derived	0.521	Derived
C.24	AC24	LIMIT SWITCH ASSEMBLY	300	NOS.	0.006	Derived	1.705	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.006	Derived	1.705	Derived
C.25	AC25	FEED BACK LINKAGE	140	NOS.	0.001	Derived	0.133	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.001	Derived	0.133	Derived
C.26	AC26	MOISTURE SEPARATOR	90	NOS.	0.018	Derived	1.637	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.018	Derived	1.637	Derived
C.27	AC27	SMART positioner (single acting type) - both fail safe and fail freeze	155	NOS.	0.035	Derived	5.433	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.035	Derived	5.433	Derived
C.28	AC28	SMART positioner (double acting type) - both fail safe and fail freeze	15	NOS.	0.040	Derived	0.597	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.040	Derived	0.597	Derived
C.29	AC29	O rings kit for smart positioner	15	NOS.	0.001	Derived	0.014	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.001	Derived	0.014	Derived
C.30	AC30	Bonnet for feed control valve - 12" VALVE SIZE	5	NOS.	0.212	Derived	1.062	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.212	Derived	1.062	Derived
C.31	AC31	Actuator piston with rod and seal	20	NOS.	0.009	Derived	0.189	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.009	Derived	0.189	Derived
C.32	AC32	Coupling nut	20	NOS.	0.001	Derived	0.023	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.001	Derived	0.023	Derived
C.33	AC33	1/4 " SS or PVC INSULATED COPPER TUBING (per meter)	120	METRES	0.000	Derived	0.040	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.000	Derived	0.040	Derived
C.34	AC34	Valve spindle/valve stem (upto 6" valve size)	40	NOS.	0.001	Derived	0.038	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.001	Derived	0.038	Derived
C.35	AC35	Valve spindle/valve stem (8" to 10" valve size)	20	NOS.	0.001	Derived	0.023	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.001	Derived	0.023	Derived
C.36	AC36	Valve spindle/valve stem (above 10" valve size)	20	NOS.	0.001	Derived	0.028	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.001	Derived	0.028	Derived
C.37	AC37	Valve spindle for feed control valve - 12" VALVE SIZE	10	NOS.	0.005	Derived	0.047	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.005	Derived	0.047	Derived
C.38	AC38	Metal Seat ring for feed control valve - 12" VALVE SIZE	10	NOS.	0.009	Derived	0.095	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.009	Derived	0.095	Derived
C.39	AC39	1/2" NPT (M) X 1/4" OD Tube Connector - SS	20	NOS.	0.000	Derived	0.006	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.000	Derived	0.006	Derived

SL NO	ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT EX-WORKS PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL EX WORKS PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 9 (IN %AGE)	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL EX WORKS PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 9 (IN %AGE)	TOTAL EX- WORKS PRICE (DULY PACKED) (INR)	ED (INCLUDING CESS) @ % (INR)	CST @ % AGAINST FORM 'C' /E/EII (INR)	SERVICE TAX (IN %AGE) (INR)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @ % OF TOTAL EX WORKS (INR)	TOTAL F.O.R SITE PRICE (INR)	UNIT C & F PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 18 INDIAN SEA PORT (IN %AGE)	UNIT C & F PRICE (DULY PACKED) INDIAN SEA PORT (CURRENCY)	UNIT C & F PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL PRICE OF CVs GIVEN AT SL NO-A.52 OF COLUMN 18 INDIAN SEA PORT (IN %AGE)	TOTAL C & F PRICE (DULY PACKED) INDIAN SEA PORT (CURRENCY)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
C.40	AC40	1/4" NPT (M) X 1/4" OD Tube Connector - SS	20	NOS.	0.000	Derived	0.006	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.000	Derived	0.006	Derived
C.41	AC41	SS Tee suitable for 1/4" OD Tube	20	NOS.	0.000	Derived	0.009	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.000	Derived	0.009	Derived
C.42	AC42	1/2" NPT (M) X 1/4" OD Tube Connector - Brass	20	NOS.	0.000	Derived	0.006	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.000	Derived	0.006	Derived
C.43	AC43	1/4" NPT (M) X 1/4" OD Tube Connector - Brass	20	NOS.	0.000	Derived	0.006	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.000	Derived	0.006	Derived
C.44	AC44	Brass Tee suitable for 1/4" OD Tube	20	NOS.	0.000	Derived	0.009	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.000	Derived	0.009	Derived
C.45		TOTAL (C.1 TO C.44)						Derived	Derived	Derived			Derived				Derived
D		CV TEST/FL TEST CHARGES															
D.1	TT1	CV test of control valve Valve Body Size (1" to 2")	15	NO.	0.002	Derived	0.036	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.002	Derived	0.036	Derived
D.2	TT2	CV test of control valve Valve Body Size (3" to 6")	120	NO.	0.003	Derived	0.364	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.003	Derived	0.364	Derived
D.3	TT3	CV test of control valve Valve Body Size (8")	15	NO.	0.005	Derived	0.071	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.005	Derived	0.071	Derived
D.4	TT4	CV test of control valve Valve Body Size (10")	15	NO.	0.006	Derived	0.085	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.006	Derived	0.085	Derived
D.5	TT5	CV test of control valve Valve Body Size (12")	12	NO.	0.008	Derived	0.091	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.008	Derived	0.091	Derived
D.6	TT6	CV test of control valve Valve Body Size (14" and above)	8	NO.	0.009	Derived	0.072	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.009	Derived	0.072	Derived
D.7	TT7	FL test of control valve Valve Body Size (Upto 4")	20	NO.	0.036	Derived	0.720	Derived	% TO BE QUOTED	% TO BE QUOTED			Derived	0.036	Derived	0.720	Derived
D.8		TOTAL (D.1 TO D.7)						Derived	Derived	Derived	Derived						Derived
E		GRAND TOTAL (A.52+B.52+C.45+D.8)						Derived	Derived	Derived	Derived	Derived = Rs Y	Derived = N				Derived = N

Note:-

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| 1. Bidder to quote grand total Ex works/total C&F value of the CVs mentioned at A.1 to A.51 (Rs X for Indigenous bidders/ M for foreign bidder) only as per the BOQ above. The item wise break up of Ex works prices (unit as well as total) for all the items in the BOQ shall be derived as per the formulae indicated above by BHEL. Indigenous bidder also need to indicate taxes percentage in the respective column and freight percentage of Ex works value considering delivery anywhere in India in the freight column. |
| 2. Rate contract shall be decided on the basis of evaluation criteria mentioned in NIT |
| 3. Value is to be filled only where "to be quoted" is mentioned and for other columns where "derived" is mentioned same shall be derived by BHEL as per % allocation fixed against each item |
| 4. Bidder to note that total price indicated above at E should be complete in all respect for the full scope defined and considering all terms and conditions agreed. |
| 5. The unit price quoted by bidder shall be binding for quantity variation which is at discretion of purchaser. |
| 6. Prices shall remain firm during contract execution. |
| 7. For any Clarification please refer Technical Specification No-PE-TS-20-145-1104 |
| 8. Bidder shall furnish this price Schedule indicating "Quoted/Not-Quoted" along with technical offer and actual prices in his price offer. |

SUMMIT SAHAY
J-2 / Sr. Engineer (PG-I-2)
Bharat Heavy Electricals Ltd.
Engineering Management
Group, BHEL, Patancheru,
Dist. Rangareddy, T.S. 507 102.
Power Secy, J.P. No. 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.