



ODISHA POWER GENERATION CORPORATION LTD.
IB THERMAL POWER STATION

PURCHASE DEPARTMENT UNIT 3&4
AT/PO: BANHARPALI

DIST.JHARSUGUDA-768234 (ODISHA), INDIA

Tel. No. 06645 222288

REF: TENDER ENQUIRY NO. ITPS/UNIT 3&4/2017-2018/149

DT. 14/03/2018

LAST DATE & TIME OF RECEIPT OF TENDER		DATE & TIME OF OPENING OF TENDER		E.M.D.in Rs.	TENDER COST IN RS.
DATE: 14 th March 2018	UP TO 15.00 HOURS	DATE: 30 TH MARCH 2018	UP TO 15.30 HOURS	Rs. 18000/-	Rs.5900/- INCLUDING GST

Sealed tenders in duplicate super scribing “Tender Enq.No: - ITPS/Unit 3&4/2017-2018/149 TWO(02) parts” due on **30th march 2017** are invited for supply and delivery of the following items to IB thermal Power Station. The instruction to renderers is given overleaf.

C&I Lab equipments

sl. no.	description	detail specs	Quantity (Nos)
1	stabilised ac power supply (servo stabiliser)	portable zener controlled automatic voltage regulator, input voltage: 170-270vac, input connection: industrial type plug top, output voltage: 230vac±1%, output point: atleast two(3-pin), rating: 5kva, frequency: 50hz, response time 10 msec max, duty: 100 % continuous / 110 % for 60 sec. / 150 % for 10 sec, shall be stable at varying temperature, shall comply with latest safety standards	1
2	dry type low range temperature bath range- ambient to 200 degc	heavy duty dry block temperature for testing different sizes thermocouples / rtds / temperature switches. stability of +/-0.1 deg c, display resolution: 0.01°c over whole range, calibration volume: max 20mm diameter(variable) x 160mm deep. it shall have auto step function with stability indication. input voltage 240vac/50hz,graphical lcd display with programmable maximum temperature.	2
3	dry type high range temperature bath range- ambient to 1200 degc	heavy duty dry block temperature for testing different sizes thermocouples / rtds / temperature switches. stability of +/-0.1 deg c, display resolution: 0.01°c over whole range, calibration volume: max 20mm diameter(variable) x 160mm deep. it shall have auto step function with stability indication. input voltage 240vac/50hz,graphical lcd display with programmable maximum temperature.	2
4	differential pressure gauge(digital)	pressure range:0 to 1kg/cm ² , accuracy; <u>+/-0.1%fsd</u> , with traceable calibration certificate. dimensions: (hwxwd) 12.7 cm x 11.4 cm x 3.7 cm (5 in x 4.5 in x 1.5 in), pressure connection 1/2 inch npt male with external adapter, display 5-1/2 digits, with rechargeable battery	2

5	vacuum cleaner	portable industrial vacuum cleaner, uninterrupted use with consistently high suction power, air flow rate (l/s): 2 x 74, vacuum:(mbar/kpa): 254 / 25.4, container capacity (l): 75, suction hose: 3metre(min), input voltage: 230vac ±10%	2
6	low current dc clamp meter	measuring range : 0-99ma dc, resolution: 0.1 ma(minimum), max wire size: 6 awg, back light with display hold facility, category rating: 300v cat ii	2
7	continuity tester	standard make	4
8	test thermocouple (k-type)	sensor diameter: 3.2 mm, sensor length: 350/500 mm, mineral insulated stem, rated for use up to +1200°c. the plastic handle is rated up to +135°c. supplied with 2 metre of coiled extension cable with a type k miniature flat pinned plug attached.	1+1
9	type k input hand-held thermocouple indicators	input (miniature plug): 2 x type k thermocouple measurement range: -200°c to +1372°c, resolution: 0.1°c/°f/k (< +1000°c), 1°c/°f/k (> +1000°c) accuracy: 0.1°c measurement cycle: 2.5 times per second display: backlit 3½ digit lcd display (max. reading of 1999) operating temperature: 0°c to +60°c with rechargeable batteries and carrying case	1
10	pencil grinding machine	constant speed pencil grinding machine with two bits, input voltage: 230vac ±10%, should have dead man's switch, shall comply to osha	1
11	sleeve gauge	standard make	2
12	feeler gauge	standard make	2
13	annemometer	flow annemometer digital, range 0.8-10m/s, resolution 0.1 m/s,low friction ball bearing vane wheel, data hold and max / min record facility, extra large dual lcd display	2
14	hand drill machine	hand held drill machine , bit size/drilling capacity; 1-10mm(10 bits)diamond bits 10 bits, input voltage: 230vac ±10%, should have dead man's switch, shall comply to osha	1
15	vernier caliper (digital)	vernier digital measurable up to 6 inches	1
16		vernier digital measurable up to 12 inches.	1
17	screw gauge	measurable upto 1/2"	1
18	measuring tape	fiber glass leatherette 20m measuring tape width 13 mm	2
19		5 m digital measuring tape, width 19 mm	2
20	lan continuity tester	test the modular cables with rj45 / rj12 / rj11 plug, finding miss-wiring, testing cross pinning or straight through cable.	2
21	flaring tool	one 45° sae flares single flare tool, size: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8". one 45° sae flares double flare tool, size: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8".	1+1
22	hot air blower	air flow rate 150 - 500 l/min, min. temperature 50 °c, max temperature 200 °c, input voltage: 230vac ±10%	1
23	gauge puller	pointer puller & fixer kit (standard make)	2
25	tube cutter	shall be used to cut 1/4", 5/16", 3/8", 1/2", 5/8" and 3/4" o.d. tubing of copper and ss-316.	2

26	tube bender	it can smoothly bend soft copper pipes, iron pipes, and stainless steel tubes up to 180°, for 1/4", 5/16", 3/8", 1/2", 5/8" and 3/4" o.d. tubing.	2
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Note: Item wise HSN Code with GST rate applicable to be indicated in the offer

Further please note to submit your offer considering GST provision and its related input tax credit benefits to be passed on to OPGC

- Bidder should have fully fledged manufacturing / authorized for particular tender/ Dealer set up for supplying the tendered item.
- Vendors are requested to kindly furnish your PAN, GST No.
- Bank Mandate form to be submitted to make your payment through RTGS/NET.
- Rate will be valid for the 1 year from date of award of contract. Repeat order can be placed as per requirement of the OPGC.
- Delivery: **Within (02) two weeks** from the date of P.O. placement of individual purchase order.
- The agency shall Provide warranty/guarantee of 3 years to buyer for all items.
- Vendors are requested to send their **sealed offer** subscribing the tender number, date and due date on the envelope. Mail offer may not consider at the time of price opening.
- Vendors are requested to submit their seal offers at our office by sending through FIRST FLIGHT COURIER TO JHARSUGUDA BRANCH, PIN- 768 201 / SPEED POST/REGISTER POST.
- OPGC reserves the right to accept / reject any or all tenders, split up the scope among eligible bidders or cancel the tender altogether without assigning any reason thereof.

Price offered should be of for destination (our site) including freight charge, IB thermal power station, p & f, insurance except GST which is to be extra are to be indicated in terms of percentage of basic price or will be loaded maximum while comparing. Offer may not consider without EMD. Please **enclose product catalogue & company price list, offer will remain** valid for a period of 180 days from the date of tender opening. TDS @20% should be deducted from your bill in case of non-submission of PAN details.

Thanking you

**Yours faithfully
AGM-(SCM)**

GENERAL INSTRUCTIONS

- 1.0 EACH QUOTATION SHOULD BE SENT IN PROPERLY SEALED ENVELOPE ADDRESSED TO THE (PROCUREMENT & CONTRCATS DEPT.)- UNIT 3&4, BINAYBRATA MAHAPATRA, IB THERMAL POWER STATION, BANHARPALI, DIST. JHARSUGUDA, PIN: 768234. THE ENVELOPE SHOULD BEAR THE TENDERER'S DISTINCT RUBBER STAMP. TENDER NO. _____ DUE ON DT. _____ SHOULD INVARIABLY BE GIVEN ON THE COVER.
- 2.0 IN CASE OF ITEMS OF SPECIFIC MAKE, ONLY MANUFACTURERS AND THEIR ACCREDITED AGENTS/STOCKIEST/AUTHORIZED DEALERS ARE ENTITLED TO QUOTE. FOR THIS THEY SHOULD SUBMIT AN ATTESTED COPY OF THE PRINTED PRICE LIST ALONG WITH TENDER.
- 3.0 THE TENDERS SUBMITTED MUST BE FREE FROM OVER WRITINGS OR EROSIONS. CORRECTIONS & ADDITIONS IF ANY MUST BE ATTESTED. INCOMPLETE TENDER SHOULD NOT BE SUBMITTED. TENDERS RECEIVED AFTER DUE DATE OF OPENING WILL NOT BE ENTERTAINED.
- 4.0 THE REQUIRED EMD IN SHAPE OF DD DRAWN IN FAVOUR OF "ORISSA POWER GENERATION CORPORATION LIMITED" PAYABLE AT SBI, IB THERMAL POWER STATION, BANHARPALI, CODE NO.9510 SHOULD INVARIABLY BE ENCLOSED WITH THE TENDER.
- 5.0 THE OFFER GIVEN MUST REMAIN VALID FOR A PERIOD OF 180 DAYS FROM THE DATE OF OPENING OF BID.
- 6.0 RATE WILL BE VALID FOR 1 YEAR FROM DATE OF AWARD OF CONTRACT.
- 7.0 MANUALS/PAMPHLETS/LEAFLETS AND DRAWINGS ILLUSTRATING TECHNICAL DETAILS/YEAR OF MANUFACTURE, MAKERS NAME, COUNTRY OF ORIGIN MUST BE ENCLOSED WITH THE TENDER, SAMPLE IF REQUIRED SHOULD BE SUBMITTED ALONG WITH TENDER.
- 8.0 THE PRICE QUOTED SHOULD BE FIRM AND DELIVERY F.O.R. DESTINATION INCLUSIVE OF PACKING, FORWARDING, TRANSPORTATION AND INSURANCE CHARGES EXCEPT GST WHICH IS TO BE EXTRA AS ACTUAL.
- 9.0 ACTUAL/PERCENTAGE OF SALES TAX/EXCISE DUTY LEVIABLE AND DECLARED TO BE CHARGED SHOULD BE DISTINCTLY SHOWN ALONG WITH PRICE QUOTED. WHERE IT IS NOT MENTIONED CLAIMS FOR PAYMENT OF SALES TAX AND EXCISE DUTY SHALL NOT BE ENTERTAINED ON ANY GROUND. SALES TAX REGISTRATION NUMBER MUST BE INDICATED INVARIABLY.
- 10.0 THE TENDERER SHOULD BE ABLE TO COMPLETE DELIVERY WITHIN 2 WEEKS FROM THE DATE OF RECEIPT OF PURCHASE ORDER.
- 11.0 THE TENDERER SHOULD BE AGREEABLY TO OUR PAYMENT TERMS I.E 100% WITHIN 30 DAYS OF RECEIPT AND VERIFICATION OF MATERIALS AND INSTALLATION WITH CONFIGURATION OF THE SAME.
- 12.0 QUALITY OF MATERIALS TO BE SUPPLIED SHOULD BE BRAND NEW, FREE FROM ALL FLAWS, GOOD FINISH AND SHOULD BE AS PER TECHNICAL SPECIFICATION AND RELEVANT TO IS SPECIFICATION.
- 13.0 THE TENDER MUST ACCOMPANY PHOTO COPY OF LATEST & VALID INCOME TAX CLEARANCE CERTIFICATE & SALES TAX CLEARANCE CERTIFICATE WITHOUT WHICH TENDER WILL BE REJECTED.
- 14.0 DESTINATION MEANS CENTRAL STORES, IB THERMAL POWER STATION, BANHARPALI.

- 15.0 WHENEVER TENDERERS HAVE ENTERED INTO RATE CONTRACT WITH DGS&D OR EPM, THE WILL INDICATE THE SAME IN THEIR TENDERS AND SUBMIT A COPY OF RATE CONTRACT AS A PROOF OF CLAIM.
- 16.0 THE QUANTITY INDICATED IN THIS ENQUIRY IS PROVISIONAL AND SUBJECT TO CHANGE.
- 17.0 SUPPLIER HAVING PAST EXPERIENCE OF SUPPLYING SIMILAR ITEMS TO OTHER THERMAL POWER STATIONS MAY SUBMIT A PHOTO COPY OF THE P.O. ALONG WITH THE QUOTATION.
- 18.0 THE UNDERSIGNED RESERVES THE RIGHT TO ACCEPT/REJECT ANY OR ALL THE TENDER WITHOUT ASSIGNING ANY REASON THEREOF.
- 19.0 PENALTY FOR DELAY IN DELIVERY: - THE VENDOR IS LIABLE TO PAY PENALTY AT THE RATE OF 0.5 % OF THE COST OF UNDELIVERED MATERIALS PER WEEK OR PART THEREOF SUBJECT TO MAXIMUM 05 % OF THE COST OF UNDELIVERED MATERIALS. IF DELAY IS BEYOND 10 WEEKS OR LESS DEPENDING UPON THE REQUIREMENT, THE BUYER RESERVE THE RIGHT TO CANCEL THE P.O. AND COLLECT THE MATERIALS FROM ANY OTHER SOURCE AT THE RISK OF ORIGINAL SUPPLIER WITHOUT MAKING ANY REFERENCE TO HIM. THE ADDITIONAL FINANCIAL INVOLVEMENT OCCURS IF ANY FROM PROCURING OTHER SOURCE SHALL BE RECOVERED FROM YOU.

20.0 (A) **PREPARATION OF COMPARATIVE STATEMENT**

VENDOR SHOULD NOTE FOLLOWING LOADING FACTORS TO BE USED BY OPGC DURING EVALUATION PROCESS IN CASE THE SAME HAS NOT BEEN CONSIDERD DURING OFFER SUBMISSION.

P&F CHARGES	2%
FREIGHT LESS THAN 300 KMS	3%
300 KMS. TO 500 KMS.	4%
500 KMS. TO 1000 KMS.	5%
ABOVE 1000 KMS.	6%
INSURANCE	0.086%

(NOTE: PERCENTAGE LOADING WILL BE LIMITED TO FULL TRUCK/TRAILER LOAD RATE FOR EACH TRUCK LOAD).

(B) **PAYMENT TERMS LOADING**

1.5% PER MONTH (WHEREVER PARTIES HAVE QUOTED 100% THROUGH BANK/ADVANCE AGAINST OUR STANDARD AND PAYMENT TERMS OF BID DOCUMENTS)

IN CASE OF PAYMENT THROUGH BANK LOADING FOR A PERIOD 30 DAYS AND IN CASE OF ADVANCE PAYMENT ALONG WITH P.O. THE LOADING FOR THE PERIOD OF DELIVERY PERIOD PLUS 30 DAYS, MAY BE TAKEN. IN CASE OF 90% THROUGH BANK & BALANCE 10% WITHIN 30 DAYS AFTER RECEIPT AND ACCEPTANCE OF MATERIALS. LOADING FACTOR WILL BE $1.5 \times 0.9 = 1.35\%$. ACCORDINGLY FOR OTHER PAYMENT TERMS LOADING FACTORS WILL BE CALCULATED.

(C) **DELIVERY TERM LOADING:** IF THE DELIVERY PERIOD REQUIRED AS PER BID REQUIREMENT IS DEVIATED THE LOADING SHALL BE DONE @0.5% PER WEEK OR PART THEREOF FOR THE PERIOD OVER AND ABOVE THE STIPULATED DELIVERY PERIOD.

21.0 PREPARATION OF BID:

The bidder(s) shall submit the bid in two part, namely-

- I) Techno commercial Bid and
- II) Price bid

PART-I: TECHNO-COMMERCIAL BID

A complete set of original Tender documents as issued to the Bidder duly filled in as prescribed in different clauses of the Tender documents with signature & stamp in all pages as token of unconditional acceptance shall constitute Techno-commercial Bid.

The bidder shall enclose the following documents in this bid.

- a) Crossed demand draft for requisite amount drawn in favor of Odisha power generation corporation ltd. in the manner prescribed above towards the earnest money and tender cost without which the tender will be summarily rejected.

Note: if required additional sheet may be used to furnish all above information but in the format provided in general conditions of contract.

The techno-commercial bid with all its enclosures as mentioned should be put in an envelope, sealed & superscribed as "techno-commercial bid". This envelope must contain name of the work, nit no., due date of opening and name & address of the bidder on bottom left hand corner of the cover.

PART-II: PRICE BID

Kindly submit the Price bid in a different envelope as mentioned in the table above.

Price bids of only those bidders will be opened who meet as per qualification criteria given below. The Owner shall not entertain any correspondence with any Bidder in relation to the acceptance or rejection of any Price Bid.

QUALIFYING CRITERIA

1. Average annual financial turnover during last three years (i.e. 2014-15, 2015-16 and 2016-17) should be Rs.50 Lacs or more. Audited Balance Sheet and profit & Loss A/C must be submitted along with the Techno-commercial Bid. In case the account is not audited, a certificate from a chartered accountant should be produced towards turnover.
2. The agency shall have supplied C&I lab items to Power plants in last three years.
3. The agency shall have service support facility in or near to Odisha.

AGM- (SCM)