



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 22288

Email: bkmishra@opgc.co.in

REF: TENDER ENQUIRY NO. ITPS/UNIT 3&4/2018-19/065

DT. 04/09/2018

LAST DATE & TIME OF RECEIPT OF TENDER		DATE & TIME OF OPENING OF TENDER		E.M.D.in Rs.	TENDER COST IN RS.
DATE: 26/09/2018	UP TO 15.00 HOURS	DATE: 26/09/2018	15.30 HOURS	2% OF YOUR QUOTED VALUE	Rs.5600/- INCLUDING GST

Sealed tenders in duplicate super scribing "Tender Enq.No: - 2018-19/065 due on 26th Sep-18 are invited for supply and delivery of the following items to IB Thermal Power Station. The instruction to renderers is given overleaf.

Sl No.	Long Description	Recommended Make	Detail specification	Required Quantity
1	TEMPERATURE BATH,DRY TYPE,30-350 Deg C	Amtek, Fluke, Wika, Tinsley	Dry type Low range temperature bath Range- Ambient to 350 Deg. C, Stability of +/-0.1 deg. C, Accuracy- 0.3 Deg. C, Display Resolution: 0.01°C over whole range/ up to 100 deg. C, Calibration volume: Min 25mm diameter (variable) x 120mm deep(Min), It shall have auto step function with stability indication, Input voltage 240VAC/50Hz,Graphical LCD display with programmable maximum temperature. Approx. Heating time-30-350 Deg. C 15min, Cooling time -350 to 30 deg. C 45 Min.RS-485 interface, Suitable for switching use also. Standard: 3.1 calibration certificate per DIN EN 10204 Option: DKD/DAkkS calibration certificate, with Multi-hole Insert for 4mm,6mm,8mm,10mm stem dia.	2
2	Temperature Bath,Dry Type,200-1100 Deg C	Amtek, Fluke, Wika, Tinsley	Dry type high range temperature bath Range- 200 to 1100 Deg. C, Stability of +/-0.1 to 0.3 deg. C ,Accuracy- 0.3 Deg. C, Display Resolution: 0.01°C over whole range, Calibration volume: Min 30mm diameter(variable) x 130mm deep(Min), It shall have auto step function with stability indication, Input voltage 240VAC/50Hz, Graphical LCD display with programmable maximum temperature. Approx. Heating time-200-1100 deg. C 50minute, Cooling time -1100 to 200 deg. C 150 Minute .RS-485 interface, Suitable for switching use also. Standard: 3.1 calibration certificate per DIN EN 10204 Option: DKD/DAkkS calibration certificate, with Multi-hole Insert for 4mm,6mm,8mm,10mm stem dia.	2

3	DIFFERENTIAL PRESSURE GAUGE(Digital)	Amtek, Fluke, Wika, Tinsley	DIFFERENTIAL PRESSURE GAUGE(Digital),Pressure Range:0 to 1kg/cm ² ,Accuracy;+0.1%FSD,Display Rate-2 reading/sec,Resolution-0.0001 kg/cm ² ,Dimensions: (H x W x D) 12.7 cm x 11.4 cm x 3.7 cm (5 in x 4.5 in x 1.5 in),Pressure connection 1/4 inch NPT Male with suitable external adapters, Display 5-1/2 digits LCD, Rechargeable Battery/Power- 230+/-10 Vac, Digital Interface: RS232, DB-9F,Pneumatic connection: hose Ø 4/6 mm	2
4	Test Thermocouple (k-type),3mm,1100 deg. C	Amtek, Fluke, Wika, Tinsley	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 meter of coiled extension cable, Type K miniature flat pinned plug attached	2
5	Hand-held Thermocouple Indicators, K-Type	Amtek, Fluke, Wika, Tinsley	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)	1
6	Anemometer,0.8-20m/Sec	Amtek, Fluke, Wika, Tinsley	Flow Anemometer Digital, Range 0.8-20m/s, Accuracy-Not more than +/- 3 %,Resolution 0.1 m/s, Low Friction Ball bearing vane wheel, Data Hold and Max / Min record facility, Extra Large Dual LCD Display	2
7	Stabilised AC power Supply (Servo stabiliser)	Fluke,Tinsley	Stabilised AC power Supply (Servo stabiliser),Portable Zener Controlled Automatic Voltage regulator, Input Voltage: 170-270VAC, Input Connection: Industrial type, Output voltage: 230VAC±1%,Output Point: at least 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
8	Low current DC Clamp Meter,	Fluke,Tinsley	.Low current DC Clamp Meter, Measuring Range : 0-99mA DC, Resolution: 0.1 mA(minimum),Accuracy-0.02%,Max Wire size: 6 AWG, Back light with display hold facility, Category Rating: 300v CAT II,600 V CAT III ,withstand volatege-2200 Vac for 5 sec.	2
9	Continuity tester	Fluke,Tinsley	Continuity tester, Standard make	2
10	LAN Continuity tester	Fluke,Tinsley	LAN Continuity tester, Test the modular cables with RJ45 / RJ12 / RJ11 plug, Finding miss-wiring, Testing cross pinning or straight through cable.	2
11	Industrial Grade Vacuum Cleaner	Fluke,Tinsley, Leister, Eureka Forbes	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,flexible Suction Hose: 3metre(min),Input Voltage: 230VAC ±10%	2
12	Hot air blower	Fluke,Tinsley, Leister, Eureka Forbes	Hot air blower, Air Flow Rate 150 - 500 L/min ,Min. Temperature 50 °C, Max Temperature 200 °C, Input Voltage: 230VAC ±10%	1

13	Pencil Grinding Machine	Any Reputed Make	Pencil Grinding Machine, Constant Speed pencil grinding machine with two bits, No load speed-28000 rpm, Input Voltage: 230VAC $\pm 10\%$, Should have Dead Man's Switch, Shall Comply to OSHA	1
14	Sleeve Gauge	Any Reputed Make	Sleeve Gauge of Standard Make	2
15	Feeler Gauge	Any Reputed Make	Feeler Gauge of Standard Make, with 25 precision leaves from 0.04 mm to 1.00 mm, min 6" Long, Made of High grade corrosion resistant stainless steel, Each leaf is marked with its thickness; Lock nut secures one or more leaves in position and each leaf is detachable if necessary	2
16	Hand drill Machine	Any Reputed Make	Hand Held Drill Machine, Bit size/drilling capacity; 1-10mm(10 bits) diamond bits 10 bits ,No Load Speed-2800 RPM, Impact Rate- 25070 bpm, Input voltage: 230VAC $\pm 10\%$, Should have Dead Man's Switch, Shall Comply to OSHA	1
17	Vernier Caliper (Digital)-6"	Any Reputed Make	Electronic digital Vernier caliper of Standard Make, measurable up to 6 inches, made of hardened stainless steel ,Internal, external and height dimensions can be easily and accurately measured linear capacitive measuring system, Zero setting in any position with a small locking thumb screw which locks the jaws in place With easy to read large LCD display handy conversion chart at the back	1
18	Vernier Caliper (Digital)-12"	Any Reputed Make	Electronic digital Vernier caliper of Standard Make, measurable up to 12 inches, made of hardened stainless steel ,Internal, external and height dimensions can be easily and accurately measured linear capacitive measuring system, Zero setting in any position with a small locking thumb screw which locks the jaws in place With easy to read large LCD display handy conversion chart at the back	1
19	Screw Gauge	Any Reputed Make	Carbide Metric Ratchet Screw Gauge Measurable up to 1/2" of Standard Make, with Carbide measuring faces Meets or exceeds Federal accuracy specs.	1
20	Measuring Tape-20m	Any Reputed Make	Fiber Glass Leatherette 20m Measuring Tape Width 13 mm of Standard Make	2
21	Measuring Tape-5m	Any Reputed Make	5 m Digital Measuring Tape, Width 19 mm of Standard Make	2
22	Flaring Tool	Any Reputed Make	Flaring Tool of Standard Make, 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" package Included- 1 x Eccentric Flaring Stent 1 x Imperial Eccentric Flaring Board 1 x Metric Eccentric Flaring Board 1 x Eccentric Cone 1 x Cutter 1 x Plastic Case	2
23	Gauge Puller	Any Reputed Make	Pointer Puller & Fixer kit (Standard Make)	2
24	Tube Cutter 1/4" to 3/4"	Any Reputed Make	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

25	Tube Bender, 1/4" to 3/4"	Any Reputed Make	Tube Bender, it can smoothly bend soft copper pipes, iron pipe, stainless steel tubes ,For 1/4", 5/16", 3/8", 1/2", 5/8" and 3/4" O.D. Tubing. Calibrated markings show angle of bend for smooth short radius bends up to 180 Degree and the wide hook grips tubing securely	2
----	---------------------------	------------------	--	---

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 (2) Two Months** from the date of P.O. placement of individual purchase order.
- 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

**-SD
AGM-(SCM)**

GENERAL INSTRUCTIONS

- 1.0 EACH QUOTATION SHOULD BE SENT IN PROPERLY SEALED ENVELOPE ADDRESSED TO THE (PROCUREMENT & CONTRCATS DEPT.)- UNIT 3&4, ASHEERBAD PANDA, 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, / CENTRAL BANK OF INDIA, BELPAHAR (CODE-3899) / ANDHRA BANK, ADHAPADA (CODE-0662) 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 **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 & super scribed 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 Requirements for C&I Lab Equipment for OPGC Unit 3&4

1. The Bidder must be a Manufacturer or their Authorized dealer/Supplier/Retailer of the instruments quoted. Documentary proof to be submitted.
2. The minimum average annual turnover of the bidder for the preceding three (3) completed financial years as on date of opening shall not be less than Rs. 7 Lakh.
Audited balance sheet including Profit & Loss account for the previous three completed financial years (from the date of issue of this tender). In case the documents are not ready/available, then certified copy by a registered practicing Chartered accountant may be submitted.
3. The party should not have been blacklisted, faced order cancellation in last 5 years. The agency shall submit self-certified letter on companies' letter head in support of this qualifying criteria.
4. Offers to be provided as per the technical specification as mentioned above.
5. Valid PAN & GST registration certificates to be submitted along with offer.

Notwithstanding anything stated above, OPGC reserves the right to assess the capability and capacity of the Bidder to perform the contract, should the circumstances warrant such an assessment in the overall interest of OPGC.

AGM- (SCM)