

OFFICE OF THE PRINCIPAL, GOVT. POLYTECHNIC COLLEGE JANJGIR-CHAMPA(C.G.)

KHOKHRA BHANTA, JANJGIR DISTT: JANJGIR-CHAMPA(C.G.)--495668

Telephone: (07817) 200625 (O)222026, Fax: 07817-222026

Website: www.cgdteraipur.ac.in

E-mail: polyjanjgir@rediffmail.com

No./GPJ/ELECTRICAL/TENDER-01/11-12/.....,

Janjgir, Dated...../09/2011

TENDER NOTICE

Sealed Tenders are invited from the Manufacturers of repute or their Authorized Dealer/Distributors for supply of **Electrical Engineering Lab** Equipments for Govt. Polytechnic College Janjgir for **Rs. 5 Lakhs** for purchase year 2011-12. Tender document can be obtained from the office of the undersigned through making payment of Rs. 500/- cash or by Demand Draft in favour of **Principal, Government Polytechnic College Janjgir (C.G.)** payable at **Janjgir**, which is non-refundable.

The Tender document will also be available in the website of Director of Technical Education, Bayron Bazar, Women's Polytechnic Campus, Raipur(C.G): www.cgdteraipur.ac.in

But the tender fee will be payable at the time of submission of Tender.

The Tender document will be available at the office of **PRINCIPAL, GOVERNMENT POLYTECHNIC COLLEGE JANJGIR (C.G.)** on any working day during the office hours from 01.10.2011.

Last date for purchasing the tender: **01.11.2011 up to 3 p.m.**

Last date for receiving the tender: **02.11.2011 up to 3 p.m.**

Date of opening of tender: **02.11.2011 at 4 p.m.**

Principal
Govt. Polytechnic College
Janjgir (C.G.)

OFFICE OF THE PRINCIPAL, GOVT. POLYTECHNIC COLLEGE JANJGIR-CHAMPA(C.G.)

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No./GPJ/ELECTRICAL/TENDER-01/09/.....,

Janjgir, Dated...../08/2009

Last date for Receiving sealed Tender: 02.11.2011 up to 3 p.m.

Date and time of opening the Tender: 02.11.2011 at 4 p.m.

TERMS AND CONDITIONS

Terms and conditions for supply of Equipments as per enclosed list are as follows.

[1] The tender is liable to be rejected if not submitted as per the following conditions and in the prescribed format (**Annexure-I**) without asking any further clarification.

[2] The tender contain single stage bidding.

[3] The tender will be opened as per the date and time given above in the presence of such tenderers or their representatives who are desirous to be present.

[4] Tender received after due date and time will not be entertained.

[5] The tender form is non transferable.

[6] Tender should be submitted in Duplicate. They should be tagged separately and marked as original and duplicate.

[7] Item no. and page no. of the tender form should be strictly in chronological order. Make, name of the manufacturer with complete address should be mentioned against each item and equipment.

[8] The tenderer must furnish complete and detailed specification supported by printed literature of the equipment offered. Incomplete specifications / absence of printed literature support will result in the rejection of the tender.

[9] The rate should be FOR destination including Excise and PFFI. Nothing extra will be paid in such case except the VAT/CST on the cost of the equipment.

[10] If rates are quoted ex-godown/ex-factory then Excise duty, and PFFI charge should be clearly indicated for proper rate compatibility/ comparability.

[11] Taxes, if leviable extra, should be clearly indicated failing which the rate quoted in the tender will be considered as inclusive of all taxes.

[12] There should be no alterations / corrections made in the Tender. The quoted rate should be in figures and words.

[13] The tender should clearly indicate whether the equipment is complete in itself. If in the opinion of the tenderer, certain accessories are necessary with the type of the equipment tendered, the tenderer must quote for aforesaid accessories under the heading Extra but Essential.

[14] As per the directives of the State Govt. small scale industries registered with the Industries department of Govt. of Chhattisgarh are to be given a price preference of 10 % while comparing rate with the other suppliers for equipment produced /manufactured by them. In order to avail this preference the tenderer must furnish a certified / Photostat copy of the registration along with the tender.

[15] The tenderer is required to deposit 3% (Three Percent) of the quoted amount, as Earnest Money Deposit (EMD). The EMD should be deposited, in the form of Demand Draft drawn in favour of **Principal, Government Polytechnic College, Janjgir**, payable at **Janjgir** against tender No.GPJ/ELECTRICAL/TENDER-01/ 2011 / -----, Janjgir, dated ---- /----/2011. Tenders received without EMD shall be rejected. Requests for relaxing EMD will not be entertained. EMD by cheque or MO will not be accepted.

[16] In case of non-acceptance of the tender, the EMD will be refunded to the tenderer in due course of time. The EMD will be treated as security deposit in case of selected tenders. EMD /Security deposit will be forfeited in case of breach of agreement of supply by the tenderer (supplier).

[17] The order shall stand cancelled and security forfeited:

(i) If supplier expresses his inability to execute the order for the quoted items within validity period of the tender at the rate quoted in the tender and for makes / brand quoted in the tender.

(ii) If the complete equipment is not supplied within the delivery period mentioned in the order or within the extended period permitted.

(iii) If the supplier executes only part of tender.

[18] Any Equipment / Trainers, Hardware or software breakdown must be attended within 48 hours during the valid warranty period of the equipment/software free of cost.

[19] Payments shall be released after the successful installation and demonstration of the machine / equipment at the institution.

[20] The training for at least two persons for handling the machine / equipment must be provided by the supplier at his own cost. The training may be either at the institution or at the manufacturing plant.

[21] The tenderer may be asked to give demonstration of the equipments /software preferably at the institution.

[22] The supplier will have to get the equipment delivered in the institution and then only the payment will be made in rupees.

[23] Extension in the delivery period may be granted at the discretion of the undersigned. The penalty at a rate of 1% per month of the full cost of the equipment is liable to be charged for the extension of the delivery period. Equipment received after the delivery period or dispatched after the delivery period mentioned in the order will also be subjected to this penalty.

[24] In case of any default in execution of the order, the undersigned reserves the right to forfeit the EMD /Security deposit. The undersigned also reserves the right to cancel the order and forfeit the EMD/Security deposit in case the tenderer fails to adhere strictly to all terms and condition of the order/tender.

[25] If defects of any kind or deviations from the specification are detected and reported to the supplier, the supplier should make replacement or rectify the defects free of cost within 30 days from the date of report, failing which the equipment will not be accepted and will be returned to the supplier at his own cost and risk, and the EMD will be forfeited. In case the equipment is sent for repairs to the firm, it should be repaired within 30 days, from the date of receipt of equipment failing which the same will not be accepted and EMD will be forfeited. However the undersigned may condone the delay in deserving cases at his discretion.

[26] The undersigned reserves the right to increase/decrease the quantity of the equipment to be supplied.

[27] The submission of the tender will be deemed to be the acceptance of all the terms and condition of the tender as stated herein and/or elsewhere in the tender document.

[28] Tenders should be valid for at least Twelve months from the date of opening of the tender. The prices should be firm without variations of any kind.

[29] The institution may issue "D" FORM duly completed and signed by the competent authority for reduction in CST at the time of final payment.

[30] The undersigned reserves the right to accept the lowest or any tender and also of rejecting all or any tender without assigning any reasons for the same or to split up the tender as he may deem fit.

[31] Exact and earliest possible time of delivery should be indicated in the tender against each item. Other things, being equal, the tenders who give earliest delivery period will be preferred while comparing the rates. The delivery period given in the order will be the date of receipt of the equipment in the institute and not the date of dispatch of the equipment by the supplier.

[32] Sealed envelopes for the tender should be super scribed as Tender Notice No./GPJ / ELECTRICAL /TENDER-01/11-12 /----- . Janjgir, Dated -- /----/ 2011 should be addressed to **Principal, Govt. Polytechnic College Janjgir – 495668.**

[33] All items quoted must conform to the BIS as far as possible.

[34] No advance payment will be made.

[35] The tenderer will have to submit last three years PSU / Govt. supply record (in format as given in **Annexure –II**) along with Latest Income tax clearance and

(i) CST clearance certificate from the concerned authority should be attached with the tender.

(ii) Tender received without these certificates shall be rejected.

[36] The minimum guarantee period for the equipment supplied by the supplier will have to be mentioned clearly which should not be less than one year from the date of installation. The tenderer will be required

to undertake repair / replacement of defective parts free of cost at the institution during the guarantee period.

[37] All the disputes with regard to the contract of purchase of equipment etc. is subjected to Janjgir, Chhattisgarh Jurisdiction only.

[38] In the event of the order, supplier who are the manufacturer of the equipment will be required to furnish a certificate to the effect that they are manufacturers of such and such make whereas the authorized agent of stockiest will have to furnish certificate assigned by the manufacturer certifying that M/S is their authorized agent/stockiest under brand. No equipment without this certificate will be accepted.

[39] The equipment /machinery calibrated in metric system need be quoted.

[40] The tenderer shall guarantee that after sales, service shall be provided as and when required.

[41] The supplier will render necessary assistance, if required, in the installation of the equipment /machinery in the institute free of charge.

[42] No offer should be made for imported item for which import license has to be arranged by the undersigned. The entire imported item will have to be delivered in the institute and payment will be made in Rupees.

[43] The payments shall be released only after successful commissioning and installation of the equipment / machinery.

[44] If there is any deviation from Technical Specification of any equipment, furnish the same in

Annexure III.

Principal
Govt. Polytechnic College
Janjgir (C.G.)

ANNEXURE-I

PROFORMA FOR TECHNICAL CUM FINANCIAL BID

| S.No. | Name of Item along With Make | Specifications given in the Tenders | Technical specifications which the bidder wants to supply as for Catalogue/ Brochure | Price of Equipment (in Indian Rs.) | Cost of equipment Inclusive of Taxes & all charges | Remarks |
|-------|------------------------------|-------------------------------------|--|------------------------------------|--|---------|
| | | | | | | |

NOTE: Attach Catalogue/Brochure in original for above quoted Items. The quoted items should conform to BIS standards. The offer should be submitted in the following format only.

ANNEXURE-II

PROFORMA FOR PERFORMANCE STATEMENT

(For a period of last three years)

| S.No. | Order placed (full address of purchaser, Enclosed, xerox copy) | Order and date | No. | Description & Quantity | Value of Order | Date of Completion of delivery as per actual contact | Has the equipment been satisfactorily commissioned and giving trouble free service |
|-------|--|----------------|-----|------------------------|----------------|--|--|
| | | | | | | | |

Signature:

(Name & Full Address of the Firm)

(To be signed and returned along with the tender)

I/We (Full Name)

Address..... Have read the tender rules for the supply of various stores as per tender notice to the Principal, Government Polytechnic College,Janjgir (C.G.) and I/We fully accept the bidding rules supplied to me/us with the bidding documents.

Date:

Signature:

(Name & Full Address of the Firm)

ANNEXURE-III

LIST OF EQUIPMENTS WHICH HAVE DEVIATION FROM TECHNICAL SPECIFICATIONS

| S.No. | Name of Item along With Make | Specifications given in the Tenders | Deviation in Technical specifications which the bidder wants to supply as for Catalogue/ Brochure | Price of Equipment (in Indian Rs.) | Cost of equipment Inclusive of Taxes & all charges | Remarks |
|-------|------------------------------|-------------------------------------|---|------------------------------------|--|---------|
| | | | | | | |

Government Polytechnic Janjgir-Champa(C.G.)

LIST OF TENDER ITEMS

Branch: Electrical Engineering

1. Electrical Measurements and Measuring Instruments

(Code:224421(24)) Lab

Technical Specifications of the Items:

| S. No. | Name of Item | Specification |
|-------------------------|---|--|
| All Tender Items | | |
| 1 | Earth Tester | 0-100 Ω |
| 2 | Multi-meter (Digital) | 6000Z |
| 3 | Portable Moving Iron Voltmeter | |
| | (a) 0-300-600 V | 0-300-600 V |
| | (b) 0-150-300 -600V | 0-150-300 - 600V |
| 4 | Portable Moving Iron Ammeter | |
| | 0-5-10 Amp | 0-5-10 Amp |
| | 0-10-20 Amp | 0-10-20 Amp |
| 5 | Energy Meter | 1ph 230 V |
| 6 | Ohm Meter | M Ω ,230/440V |
| 7 | Panel Type Meter | |
| | (a) Ammeter (0-20A) | 0-20A |
| | (b) Voltmeter (0-200V) | 0-200V |
| | (c) Meggar | 5 M Ω ,120 rpm |
| 8 | Frequency meter | |
| 9 | Single phase / Three phase Energy Meter | 250 V /400V as per specification of C.S.E.B |
| 10 | Power Factor Meter | 5A/440 V |
| 11 | Phase Sequence Indicator kit | Digital,R,Y,B |
| 12 | Potentiometer kit for calibration of DC ammeter and voltmeter | DC ammeter and voltmeter |
| 13 | Kelvin double bridge kit | Suitable for practical purposes |
| 14 | Wheatstone bridge kit | Suitable for practical purposes |
| 15 | Meter test bench kit | Suitable for practical purposes |

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2. Element of Electrical (224321(24))and Electrical Circuit (224315(24)) Lab

Technical Specifications of the Items:

| S. No. | Name Of Item | Specification |
|-------------------------|---|----------------------------|
| All Tender Items | | |
| 1 | RLC Circuit kit | Suitable for Practical |
| 2 | Maximum Power Transfer Theorem kit | Suitable for Practical |
| 3 | Kirchoffs Law kit | Suitable for Practical |
| 4 | Ohms Law kit | Suitable for Practical |
| 5 | Theorems and Law Trainer kit | Suitable for Practical |
| 6 | Series Resonance kit | Suitable for Practical |
| 7 | Parallel Resonance kit | Suitable for Practical |
| 8 | Network Circuit Thevenins Theorem kit | Suitable for Practical |
| 9 | Nortons Theorem kit | Suitable for Practical |
| 10 | Series &Parallel resonance kit | Suitable for Practical |
| 11 | Electrician Tool Kit for Network Circuit & Super Position Theorem | Suitable for Practical |
| 12 | Analogue Watt Meter kit | 500 V-20 A |
| 13 | Analogue Ampere Meter kit | Multi range 20-50-100Amp |
| 14 | Analogue Voltmeter kit | Multi range 250-500-1100 |
| 15 | Analogue Tong Tester kit | Suitable 3 phase,11kv,33kv |
| | Voltage Range | 250-500-1100 |
| | Amp Range | 100-200-300-400 |
| 16 | Analogue Multi-meter | A.C./D.C. |
| 17 | AC Voltmeter | 1000V Multi range |
| 18 | DC Voltmeter | 1000V Multi range |
| 19 | Resistance | 0- 10 Mega Ohms |

| S. No. | Name Of Item | Specification |
|-------------------------|---------------------|---|
| All Tender Items | | |
| 20 | Multi-meter A.C/D.C | (0-1000V)AC- 50mA-15 Amp D.C -10 mA- 10Amp |
| 21 | Faraday Law Kit | Suitable for Practicals |

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3. Eletrical Workshop (Code: 224325(24)) Lab

Technical Specifications of the Items:

| S. No. | Name of Item | Specifications |
|--------|--|---|
| 1 | Coil winding Machine | Climax Make or other standard make |
| 2 | Grinding Machine | 400V,3 ph ,3000rpm. 3H.P. |
| 3 | Battery Charger | Mercury Arc |
| 4 | Drill Machine (a)1 ph 715 rpm | (a)1 ph 715 rpm 2.0 Amp |
| | (b) 1 ph 2800 rpm | (b) 1 ph 2800 rpm 1.14 Amp |
| 5 | Room Heater | |
| 6 | Dc Shunt Motor 3 Hp , 230 V Coupled To Dc Compound Generator | 3 Hp , 230 V |
| 7 | Halogen complete fitting with Lamp ,150 Watt water proof fitting | 150 Watt water proof fitting |
| 8 | Lighting Arrester | Cupper conductor heavy duty with all accessories & fittings |
| 9 | Pilot light | |
| 10 | 3 Phase Transformer. | 440V,35/15A 5KVA |
| 11 | Single Phase Transformer | 230V,15/5A 5KVA |
| 12 | Auxiliary contractor | 3 Phase, Standard make |
| 13 | 3 Pole contractor | 3 Phase, Standard make |
| 14 | 4 Way switch selector switch voltage | 1 & 3 Phase, Standard make |
| 15 | Reversing switch | 1 & 3 Phase, Standard make |
| 16 | Push Button switch | 1 & 3 Phase, Standard make |
| 17 | 2 Push Reversing Button Switch | 1 & 3 Phase, Standard make |
| 18 | Cable insulation test kit | 11 kv,U/G & O/H Cables |
| 19 | Oil insulation test kit | 0 to 60 kv |
| 20 | Push Button Switch | 1 & 3 Phase, Standard make |
| 21 | Honda Generator Set | 3, 10, & 20 KVA or more |

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4. Power Electronics Lab (Code: 224522(24))

Technical Specifications of the Items:

| S. No. | Name of Item | Specification |
|---------------------|--|---|
| Tender Items | | |
| 1 | Bread Board System 6 in 1 System | Tie points 2560 & 7 700 & 4 binding posts Size: 240(W)x260(L)x31(H)mm |
| 2 | Variacs | |
| | (i) single phase | 1 Phase Cap. -8 Amps |
| | (ii) three phase | 3 Phases Cap. -8 Amps |
| 3 | Rheostats (Tubular) | Multiple Ranges |
| 4 | A C /D C Rectifier Unit | 3 Ph, 6Ph & 3Ph Bridge 440V, 15 A |
| 5 | Bread board Trainer | 2.0 mbps |
| 6 | Poly phase rectifier: | Poly phase rectifier: 3phase, 6 phase, 3 phase bridge |
| | | (i) three phase, 440V, 15 A |
| | | (ii) six phase, 440V, 15 A |
| | | (iii) three phase bridge, 440V, 15 A |
| 7 | AC Drive Demonstrator (1 ph Cyclo Converter Based) | 1 ph Cyclo Converter Based |
| 8 | Oscillators | Regulated power supply @+15v/500mA |

**Principal
Government Polytechnic
Janjgir-Champa(C.G.)**

