



TELANGANA STATE POWER GENERATION CORPORATION LTD
(A Government of TS Undertaking)
TSGENCO CORPORATE OFFICE
VIDYUT SOUDHA, HYDERABAD
Website:www.tsgenco.co.in

**From :**

Chief Engineer (Generation)
A- Block ,TSGENCO,Vidyut Soudha
Hyderabad-500082
Hyderabad(Dt)
Telangana
Phone :040 #23499182

To :

M/s BHARAT HEAVY ELECTRICAL LIMITED ROD
EK TARA BUILDING-39
SAROJINI DEVI ROAD
SECUNDERABAD 500003, Telangana
Phone No:04027703278
Fax No:04027700716

Vendor Code : 112130

CST No. : 36280126964(CENTRAL)

TIN No. : 36280126964

PAN No. : AAFCT0257Q

CIN No. : U40102TG2014SGC094070

Indenting Plant : KTPS-V & VI

PAN No.: AAACB4146P

PO No: 4500003988 CE/GEN. / SE/GEN-I / EME II / D08 / 2014 - 15 / / DT. 16.12.2014

Sub: TGENCO- KTPS Stage -V (2X250MW) - Procurement of BHEL make 35MVA,220KV/6.9KV, 50Hz, ONAN/ONAF cooled Station Transformer spare coil one Limb (LV+HV+TAP)of KTPS-V - Detailed Purchase Order#Issued-Regarding.

Ref : 1)Enq.No.52200581/12-13/EM&MRT/CE/O&M/KTPS-V&VI/P22/D.No.343/13-14,dt:11.07.13

2) Offer. ROD-SEC-CO:GT/HBTR13E3538/2013-14 ,Dt:05.10.2013

3) Lr. ROD-SEC:CO:UAT/HBTR13E3538, Dt 27.09.2014

4) Lr. ROD:HYD:CO:GT/HBTR13-E-3538, Dt 25.11.2014

1 ACCEPTANCE :

I, acting for, and on behalf of and by the order and direction of Telangana Power Generation Corporation Limited (herein after called as "TSGENCO") accept the offer cited at ref (2) and subsequent letters Dt27.09.2014 &25.11 .2014 of M/s.BHEL,ROD, Secunderabad (herein after referred as "the Supplier"), for Supply of "BHEL make 35MVA,220KV/6.9KV, 50Hz, ONAN/ONAF cooled Station Transformer spare coil one Limb (LV+HV+TAP)of KTPS-V at a total value of Rs. 87,69,182/-(Rupees Eighty Seven Lakhs Sixty Nine Thousand One Hundred and Eighty Two only), as detailed in Clause No.(3) below, in accordance with the above correspondence and subject to the terms & conditions set out in this order.

2 SCOPE OF CONTRACT/ORDER :

This order relates to Supply of "BHEL make 35MVA , 220KV/6.9KV, 50Hz,ONAN/ONAF cooled Station Transformer spare coil one Limb (LV+HV+TAP)of KTPS-V Stage as per the details and material specification given below.

3 SCHEDULE OF MATERIALS & PRICES :

Sl.No.	Material Description	Qty	Unit rate	Total in Rs.
1	35MVA,220KV/6.9KV,50Hz, Transformer spare Coil Limb (LV+ HV+TAP),Technical Specifications: standards:IS2026/IEC76 Type of cooling : ONAN/ONAF Rating HV:21/35MVA Rating LV:21/35MVA No Load HV:220KV No Load LV:6.9KV Line Current HV(amps):91.5	01No.	87,69,182	87,69,182

Line Current LV(Amps):2928.59
 Rated Frequency:50Hz
 No.of Phase:3
 Connection :HV Star, LV star.
 Vector Group: YNyno
 Impedance(35MVA Base)
 HV-LV(Normal Tap:14.5+_10% TOL
 HV -LV(Max. Tap): 12.5% (Approx.)
 HV-LV(Min.Tap:19.00%(Approx)
ON LOAD TAP CHANGER :
 Tapping in 16 equal steps of
 1.25% each provided at
 neutral end of HV winding
 for 10% voltage variation
 of 220KV side voltage.
INSULATION LEVEL:
 HV:950KVP,LV:60KVP
 Transformer:Sl.Nos.6005471,
 6005472 /1995

Total (Rupees Eighty Seven Lakhs Sixty Nine Thousand One
 87,69,182.00

Hundred and Eighty Two only)

PO Amount : Rs. 8,769,182.00

In words : Rupees Eightytseven Lakh Sixty-nine Thousand One Hundred Eightytwo Only

4 PRICE BASIS :

The prices accepted in Clause No.(3)above are firm during currency of contract and not subject to any variation on any grounds till supplies are completed and are on FOR, EX-Works BHEL Bhopal. The prices are inclusive of Packing & Forwarding Charges and exclusive of Excise Duty including Ed.cess, Sales Tax, Transit insurance and Freight Charges.

5 PACKING & FORWARDING CHARGES :

The prices accepted in clause No.(3) above are inclusive of Packing & Forwarding charges. All material shall be securely packed in such a manner so as to withstand rough handling during road transport up to site and you shall be responsible to make good at their own expense, any and all the damages caused due to improper packing. All the above material shall be adequately protected before dispatch to prevent damage, corrosion and entrance of foreign matter. If upon receipt at Stores, the material does not meet the specifications, they shall be rejected and returned to the supplier for repair/modification etc. or for replacement. In such cases all expenses including to- and- fro freight, re-packing charges, transit insurance etc shall be to the account of supplier.

6 EXCISE DUTY & EDUCATIONAL CESS :

The prices accepted in clause No.(3)above are exclusive of Excise duty. The excise duty shall be paid extra as applicable at the time of dispatch of the material. "The Supplier shall furnish "Original for Buyer" copy of Invoice along with supplies in token of your claim for the Excise Duty".

7 CENTRAL SALES TAX /VAT/GST :

The prices accepted in Clause No.(3) above are exclusive of Central Sales Tax, which will be paid extra as applicable at the time of dispatch, against C- Form. The present rate is 2% against C Form. Only one #C# Form will be issued by the consignee for each quarter as per the Central Sales Tax Guidelines

8 VARIATION IN TAXES & DUTIES :

(a)Within Contractual Delivery Schedule: Any variations, either upward or downward, or any new introductions in statutory taxes/duties/levies etc., shall be to TSGENCO's account, provided that this Contract is executed as per the DELIVERY period stipulated in Clause No.(19) below.

(b)Beyond Contractual Delivery Schedule: In case, the Order is not executed as per the stipulated DELIVERY SCHEDULE, any upward variation in taxes or the impact of new taxes etc, beyond the agreed DELIVERY period, shall be borne by the SUPPLIER only. However, in case of a downward variation, the benefit shall be passed on to TSGENCO.

(c)In either case, the SUPPLIER shall agree that if, any taxes & duties reported to have been paid have not been paid, or a lesser amount has been paid, or on subsequent adjudication or appeal or revision, it is decided that a lesser amount is payable, the SUPPLIER shall refund such excess amounts claimed from TSGENCO, irrespective of time lag.

9 FREIGHT :

The prices accepted in Clause No.(3) above are exclusive of charges towards freight & transit insurance . The

- charges towards freight & transit insurance are Rs.4,38,000/-and service tax extra as applicable at the time of billing/dispatches .These charges will be reimbursable against BHEL invoice only and no other documents will be submitted. The material shall be dispatched to site viz. KTPS-V & VI Stages/Paloncha, on "Freight to pay/ Freight Pre paid" basis (Un loading Charges to TSGENCO account).
- 10 TRANSIT INSURANCE :**
Inclusive in Freight.
- 11 TERMS OF PAYMENT :**
100% of the all inclusive prices of the materials will be paid within 30 days from the date of receipt and acceptance of the material in good condition at site and after completion of the delivery formalities of individual consignments. The firm will raise the invoices from the Bhopal manufacturing Unit and payment made to them.
- 12 SECURITY DEPOSIT :**
After careful examination of your request, as a special case, you are exempted from submission of security deposit
- 13 PERFORMANCE BANK GUARANTEE :**
After careful examination of your request, as a special case, you are exempted from submission of Performance Bank Guarantee.
- 14 GUARANTEE PERIOD :**
The equipment shall be warranted is applicable for the new items being provided which are covered under warranty for 12 months from the date of dispatch. Spare gaskets shall be guaranteed for a period of 03 months from dispatch date. No warranty for any type of boards & bakelite items.
- 15 PRE-DESPATCH (THIRD PARTY) INS :**
Inspection at M/s.BHEL, Bhopal works by TSGENCO representatives is waived as special case.
- 16 DELIVERY PERIOD :**
The material shall be delivered within 06 months from the date of this Purchase Order/Drawing approval whichever is later.
- 17 LIQUIDATED DAMAGES :**
After careful examination of your request, as a special case, you are exempted from penalty/LD clause.
- 18 JURISDICTION. :**
All and any disputes or differences arising out of or touching this order shall be decided only by Courts or Tribunals situated in Hyderabad or Secunderabad Cities. No suit or other legal proceedings shall be instituted elsewhere
- 19 TESTS & TEST CERTIFICATES :**
The equipments/materials shall be subjected to all necessary tests as per relevant standards and all such test certificates should be submitted for record
- 20 MATERIAL & WORKMANSHIP :**
All the materials shall be of the best class and shall be capable of satisfactory operation in the tropics under severe conditions indicated without distortion and deterioration. Unless otherwise specified, they shall conform to the requirements of the appropriate Indian/International standards. The workmanship shall be of the highest grade and entire construction shall be in accordance with the best modern practices. The entire design and construction shall be capable of withstanding the severest stresses likely to occur in actual service and capable of resisting rough handling during transport.
- 21 INTERCHANGEABILITY :**
The equipment to be supplied shall be interchangeable with the equipment existing at (2X250MW) KTPS-V stage and if fails to interchange, the same shall be replaced at free of cost. Interchangeability certificate shall be submitted at the time of supply .
- 22 DESPATCH INSTRUCTIONS :**
(a) The materials shall be dispatched to Site, consigned to the
The Assistant Divisional Engineer (Stores),
Kothagudem Thermal Power Station#V & VI stage,
Paloncha, Khammam (Dist.) -507115.
(b) The Consignment(s), shall be dispatched preferably through one of the
following Transport Agencies, on freight to pay basis.
1. ABC India Ltd 2. Associated Road Carriers Ltd
3. Prakash Road Lines Pvt. Ltd 4. South Eastern Roadways
5. Bombay Andhra Transport Co. 6. Patel Roadways P. Ltd
7. Sri Ramdas Motor Transport.
(c) Road Permit/ Way Bills: TSGENCO#s scope.
- 23 ACKNOWLEDGEMENT :**
Please acknowledge the receipt of this Order with your confirmation of its acceptance by you. The additional

copy enclosed may please be returned at the earliest with your signature in token of your acceptance.

24 FORCE MAJEURE :

- i) The supplier shall not be liable for delay or failing to supply the materials/equipment for reasons of Force Majeure such as Act of God, Act of War, Act of Public Enemy, Natural calamities, Fires, Floods, Frost, and Strikes. Lockouts etc. Only those causes, which have duration of more than 7 days, shall be considered for force majeure.
- ii) The vendors shall within 10days from the beginning of such delay notify to the corporation in writing the cause of delay. The Corporation shall verify the facts and grant such extension of time as facts justify. No price variation shall be allowed during the period of force majeure and liquidated damages would not be levied for this period.
- iii) At the option of corporation, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the corporation. In the event of such cancellation, supplier shall refund any amount advanced or paid to him by the corporation and deliver back any materials issued to him by the corporation and release facilities, if any provided by the corporation.

25 INVOICING INSTRUCTIONS :

- (a) All Bills/Invoices, shall be drawn in favour of the Senior Accounts Officer(O&M)/KTPS-V & VI Stages/Paloncha, and shall be submitted to the Consignee, viz., the ADE(Stores & Transport)/KTPS-V & VI Stages/ Paloncha.
- (b) The Invoices shall clearly indicate all relevant particulars, such as the PO Reference, Material Description, Quantity, Unit Rate, Total Price, Taxes/Duties applicable etc.
- (c) The following documents shall be submitted along with the Invoices.
 - § Challan/Packing Slip, Consignee copy of RR/LR etc.
 - § Documentary evidence relating to the payment of taxes & duties
 - § Guarantee Certificate as per Clause No.(17) & interchangeability certificate as per clause No.(18).
- (d) Original documents (as stipulated in (c) above) along with one set of photocopies, shall be sent to the consignee viz., Asst. Divisional Engineer (Stores & Transport)/KTPS-V & VI/Paloncha#507115. Copies of all documents shall be marked to the Chief Engineer/ O&M/KTPS-V & VI Stages/ Paloncha, Khammam -507115 and this office also.

26 GENERAL TERMS :

- :-(a)Your acknowledgement of receipt of this order and all correspondence of General or Technical nature shall be addressed to this office.
- (b) All correspondence regarding dispatches, payments and any other field matters shall be addressed to the Chief Engineer/O&M/KTPS-V & VI Stages. Copies shall also be marked to this office.

For & On behalf of TSGENCO

Chief Engineer (Generation)

Document Dispatch Details:

Dispatch No: Date : LOA Payment

We accept all the terms and conditions of this order.

SEAL OF THE SUPPLIER

**SIGNATURE OF THE SUPPLIER'S.
AUTHORISED REPRESENTATIVE**

Copy to:

THE CHIEFENGINEER/O&M/KTPS-V&VIStages/PALONCHA-507115
/KHAMMAM (DT).

SUPERINTENDING ENGINEER/O&M/KTPS-V/ PALONCHA-507115 DE/EM&MRT/ KTPS-V/
PALONCHA-507115

ADE/STORES/ KTPS-V&VISTages/PALONCHA-507115 /KHAMMAM (DT).

SAO/O&M/ KTPS-V&VISTages/PALONCHA-507115 /KHAMMAM (DT).

SAO/P&A/TSGENCO/VIDYUT SOUDHA/HYDERABAD-500082

Annexure - 1

PO No: 4500003988 CE/GEN. / SE/GEN-I / EME II / D08 / 2014 - 15 / / DT.16.12.2014

Sub: TGENCO- KTPS Stage -V (2X250MW) - Procurement of BHEL make 35MVA,220KV/6.9KV, 50Hz, ONAN/ONAF cooled Station Transformer spare coil one Limb (LV+HV+TAP)of KTPS-V - Detailed Purchase Order#Issued-Regarding.

S.No.	Material Code (HSN) Description	UOM	Qty	Unit Price	Per	Total Value
1	100127594 STATION TRANSFORMER SPARE COIL LIMB(LV+HV+TAP),35MVA,220KV/6.9KV,50HZ, FOR 250MW UNIT,TYPE OF COOLING : ONAN/ONAF,RATING HV:21/35MVA,RATING LV:21/35MVA,NO LOAD HV:220KV,NO LOAD LV:6.9KV,LINE CURRENT HV (AMPS):91.5,LINE CURRENT LV(AMPS):2928.59,RATED FREQUENCY:50HZ,NO.OF PHASE:3,CONNECTION :HV STAR,LV STAR,VECTOR GROUP:YNYNO,IMPEDANCE(35MVA BASE),HV-LV(NORMAL TAP:14.5+_10% TOL,HV-LV(MAX. TAP): 12.5% (APPROX.),HV-LV(MIN.TAP:19.00%(APPROX),ON LOAD TAP CHANGER :TAPPING IN 16 EQUAL STEPS OF 1.25% EACH PROVIDED AT NEUTRAL END OF HV WINDING FOR 10% VOLTAGE VARIATION OF 220KV SIDE VOLTAGE INSULATION LEVEL:HV:950KVP LV:60KVP	NO	1	8769182.00 INR	1	8769182.00

Total Amount : Rs. 8,769,182.00

Total Amount in Words : Rupees Eightyseven Lakh Sixtynine Thousand One Hundred Eightytwo Only

Chief Engineer (Generation)