



**ODISHA POWER TRANSMISSION CORPORATION LTD.**  
(A Govt. of Odisha Undertaking)

**OFFICE OF THE GENERAL MANAGER (ELECT)**

**E.H.T. (O&M) CIRCLE JAJPUR ROAD**

**AT/PO:-FERROCHROME PROJECT, JAJPUR ROAD, JAJPUR-755019**

**DIST. JAJPUR (ORISSA), PHONE / FAX- (06726) 220965 (OFF)**

**CIN:U401020R2004SGC007553**

**TENDER CALL NOTICE NO. 11/ 2015-16.**

**No-106**

**dt-16.1.16**

**TENDER CALL NOTICE NO.11/15-16**

Sealed tenders are invited by the undersigned from registered order suppliers/ Manufacturers/ their authorized dealers for Supply & Installation of Twenty Two numbers (22 Nos.) 2 Tons split type Air Conditioner with 3 star rating & with cordless remote control for Grid Sub-Station, Joda/Duburi(old) (under PSDF scheme) under EHT(O&M) Circle, Jajpur Road. Cost of tender paper is Rs.4200/-, EMD is Rs.10,000/-. Sale of tender documents is from Dt: 20.01.2016 to Dt: 09.02.2016 (during office hours). Last date of submission of tender is Dt: 10.02.2016 up to 01:00PM. Date of opening of tender is Dt: 10.02.2016 at 3:00PM. For details visit our website [www.optcl.co.in](http://www.optcl.co.in).

Corrigendum if any will be published in the website only.

*Handwritten signature*  
16/1/16

General Manager(Elect)  
EHT(O&M) Circle, Jajpur Road



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**DIST. JAJPUR (ORISSA), PHONE / FAX- (06726) 220965 (OFF)**  
**CIN:U401020R2004SGC007553**  
**TENDER CALL NOTICE NO.- 11/ 15-16**

Sealed Tenders in prescribed proforma in duplicate are invited from registered order suppliers/ Manufacturers/ their authorized dealers for supply of the following materials.

Sl. No	Description of work	Qty (nos.)	Make	Cost of tender paper (non refundable)	EMD	Date of delivery of materials
1	2 Tons Split type Air Conditioner with 3 star rating & Cordless remote control	22	PANASONIC / BLUE STAR / CARRIER / VOLTAS / HITACHI	Rs. 4000/- + 5% VAT = <b>Rs.4200/-</b>	<b>10000/-</b>	<b>30</b> days from the date of issue of purchase order.

The Tender documents can be made available in the office of undersigned on written request and payment of required dues by **cash/ pay order/ Bank Draft** in favor of G.M., EHT(O&M), Circle, OPTCL, Jajpur Road payable at Jajpur Road. Additional amount of Rs 100/- (Rupees one hundred) only may be paid for postal delivery of Tender documents. The undersigned shall not be held responsible for any postal delay.

The Tender bids must be accompanied with **EMD Rs.10000/- in shape of DD/ pay order/ Bankers cheque in favor of G.M. EHT(O&M) Circle, OPTCL, Jajpur Road payable at Jajpur Road** and clear attested photo copies of (i) PAN card of the tenderer (ii) VAT clearance certificate of the firm.

1. Cost of Tender Paper : Rs. 4000/- + VAT 5% = Rs.4200/-  
2. Sale of Tender Paper from : Dt. 20.01.2016 to Dt. 09.02.2016  
(During office Hours)  
3. Last date and time of receipt of tender paper : Dt. 10.02.2016 upto 1:00 PM  
4. Date and time of opening the tender : Dt. 10.02.2016 at 03:00 PM at G.M.  
E.H.T.(O&M) Circle, Jajpur Road.

The Tender bids will be opened on Dt. 10.02.2016 at 03:00 PM in presence of Tenderers or their representative (one person only with original authorization letter). Incomplete Tenderers and Tenders without EMD shall be rejected. Besides these, the undersigned reserves the right to accept or reject any or all tenders without assigning any reason thereof.

*Babu*  
16/1/16

General Manager(Elect)  
EHT(O&M) Circle, Jajpur Road



## SECTION-I

### INSTRUCTION TO THE BIDDERS (CHECK LIST)

1. The Bidders must read in detail the "Instruction to the Bidder" & "General terms and conditions" before filling the Tender Documents.
2. **EXPERIENCE**  
The Tenderers should be registered order suppliers/ Manufacturer/ their authorized dealer. The bidders may submit the copy of past experience if any regarding supply of similar materials to GRIDCO/ OPTCL or any other state or central PSUs.
3. **TENDERS: -**
  - (a) Bidders must submit the tenders in duplicate in the specified specification only.
  - (b) Tender must be submitted in Sealed envelopes superscribed as "**Tender Call Notice No.- 11/ 15-16 (Supply & Installation of 2 Tons Split Type Air Conditioner with 3 STAR Rating & Cordless Remote control), Date of opening- 10.02.2016**" and addressed to General Manager, EHT(O&M) Circle, Jajpur Road.
  - (c) Inside the above mentioned envelope there should be two closed sealed envelope. In one annexure-II & III along with the Tender Specification Booklet will be there with mentioning technical and in another Annexure- IV will be there mentioning financial. The technical bid will be open at **03:00 PM** and if through its financial bid will be open at **04:00 PM** on the same day.
  - (d) Tender shall be submitted either in person or by Registered Post with A.D. Any other means of delivery shall not be accepted. Detailed postal address with PIN No., Phone/ FAX must be mentioned on the tender bid. Tenders received after due date due to postal delay or any other reason will not be considered.
  - (e) Conditional offers will not be considered.
4. **EARNEST MONEY DEPOSIT (EMD)**  
Tenders not accompanied with E.M.D. shall be rejected. No further query shall be entertained in such case. EMD of successful Tenderers will not be adjusted towards security deposit. The E.M.D. of all unsuccessful Tenderers shall be refunded on written request after finalization of award of contract. Any exemption of EMD will be submitted with proper document.
5. **FORFEITURE OF E.M.D: -**
  - (i) In the event the successful tenderer fails to accept the order or supply the materials within the stipulated period, the E.M.D. so deposited shall be forfeited.
  - (ii) Any deviation from terms and conditions may amount to forfeiture of EMD without any notice.
6. **INFORMATION ON COMPETITORS:**  
Bidders have right to know information on competitors only at the time of opening of the bids of Competitors. No further information on competitors shall be provided at any other point/ Stage and before finalization of the tender without prejudice to Right to Information act.
7. **AUTHORISED REPRESENTATIVES: -**  
Bidders themselves or one authorized representative (possessing authorization letter in original) for each bidder shall be allowed to attend opening event of the tenders.

**8. OPENING OF TENDERS:**

Copy of PAN card/ TIN/ VAT Registration No. & VAT clearance certificate should be enclosed with the Tender.

9. The purchaser may alter the quantities of materials at the time of placing orders. Orders may also be split up among more than one tenderer for any particular item if necessary. Only those who have purchased the Tender specification from this office can submit their Tender. Tenders submitted by other will be rejected.

*The purchaser reserves the right to reject the Tender without assigning any reason.*

10. Tender should be prepared clearly and without any overwriting and corrections. Erasures and other changes shall bear the dated initial of the person signing the Tender.
11. In the event of discrepancy or arithmetical error in the schedule of price, the decision of the purchaser shall be final and binding on the tenderer.
12. For evaluation, the price mentioned in words shall be taken if there is any difference in figure and words in the price bid.
13. The tenders shall be outright rejected if they do not comply with the following requirements.
- a) Tenderers should have purchased the relevant specification from the office of the General Manager, E.H.T.(O&M) Circle, Jajpur Road and indicate the money receipt No. and date of this office.
  - b) Tenders shall be submitted in person or by Registered post with A.D. which should be received before the opening of Tender as specified in the Tender call notice.
  - c) Tenders shall not be submitted telegraphically or by FAX.
  - d) Tenders shall be accompanied with prescribed Earnest Money Deposit.
  - e) Tender shall be kept valid for a minimum of 180 days from the date of opening of the Tender.
  - f) Tenders shall be accompanied with attested legible photo copy of PAN card, valid VAT registration certificate/ VAT clearance certificate which must be valid on the date of opening of the Tender.
  - g) The Tender shall not be conditional.
  - h) Violation of conditions set forth and provided in Section-I & Section-II of the Tender specification may also be rejected.
  - i) In case of authorised dealer, necessary authorised dealership certificate should be submitted alongwith the Tender duly issued by the manufacturer which should be valid on the date of opening of the Tender.
  - j) Literature and specification should attached alongwith the Tender Bid.



## ANNEXURE-I

### SPECIFICATION DETAILS FOR 2 TONS SPLIT TYPE AIR CONDITIONER

1. Split type Air Conditioners conforming to IS: 1391 (Part-2)-1992 with Amendment No. 1 to 4 with Rotary compressor using HCFC Refrigerant (R-22) suitable for wall mounting.
2. Air Conditioners suitable for 230V, 50Hz single Phase AC supply shall be capable of performing the functions as cooling, dehumidifying, air circulation and filtering. The air conditioner shall be complete with automatic temperature control and cut-in and cut-out etc. for temperature range 16 to 30 degree celcius. The differential of the thermostat for cut-in and cut-out shall not be greater than +/- 1.75 degree celcius. The Air Conditioner may either be provided with adjustable step less type mechanical thermostat or electrical thermostat as per IS: 1138:1985. The ECO friendly Air Conditioners shall have ECO MARK from Bureau of Indian Standard.
3. Outdoor unit of the Air Conditioners shall be fitted discharge cooled type rotary compressor operating on Refrigerant R-22 (or non CFC refrigerant R-410 in case of ECO friendly Split Type Air Conditioner) with suitable rated capacitor start electrical motor. It shall be equipped with overload protection and shall be mounted on resilient mounting quite operation.

Sl no	Description	Requirement	
1	Cooling Capacity Normal (Kcal/Hrs)	Better than 6000 Kcal/Hrs	
2	EEF (w/w)	3.15 w/wm or better	
3	Star Rating	3 Star	
4	Power Supply (Indoor/Outdoor) V/Hz/ph	220-240 V, 50Hz, Single Phase	
5	Capacity in Ton	02	
6	Refrigerant	R-22 / R-410	
7	Air Flow Volume (m <sup>3</sup> /h)	1100	
8	Power Consumption	Not more than 2300 Watt	
9	Operating Current	Less than 8.9 Amp	
10	Noise level(indoor) should be better than	High	50dB(A)
		Mid	45dB(A)
		Low	42dB(A)
		Outdoor	59dB(A)
11	Compressor	Rotary	
12	WARRANTY: - 15 months from the date of despatch or 12 month from the date of installation which is earlier. The compressor shall have additional warranty of 4 year (In addition to above warranty)	To be specified by the Tenderer.	
13	SERVICING: - Free servicing shall be provided for 15 months from the date of despatch or 12 month from the date of installation of AC units whichever is earlier.	To be specified by the Tenderer.	

14	Fins(Copper Condenser)	To be specified by the Tenderer.
15	Fins(Evaporator)	To be specified by the Tenderer.
16	Connecting Tube	Copper Tube
17	Connecting Tube(Copper) & Drain Tube length (Minimum should be 06 meters )	To be specified by the Tenderer.
18	Connecting Tube Dimension	To be specified by the Tenderer.
19	Power supply Cable (Minimum should be 06 meter)	To be specified by the Tenderer.
20	Power supply Cable Rating	Indoor & outdoor unit should be specified by Tenderer.
21	Remote	More than 10 meter remote control distance.
22	Indoor unit & Outdoor unit Dimension	To be specified by the Tenderer.
23	Filters	To be specified by the Tenderer.
24	Elegant panel design with LED/LCD central display for ID unit.	To be specified by the Tenderer.
25	Galvanised / High quality Plastic outdoor unit Anti Corrosion.	To be specified by the Tenderer.
26	Flat Panel for easy cleaning, washable plastic filter and Horizontal auto lower.	To be specified by the Tenderer.
27	<p>INSTALLATION: - The installation work at Consignee's site shall include the following works.</p> <p>(i) Mounting/Fitting indoor and Outdoor unit including brackets at the respective locations per instructed by Consignee.</p> <p>(ii) Laying refrigerant pipe of 06 meter/more length and connecting the both units after drilling hole in the wall, if required the thickness of copper tubing should not be less than 0.70mm.</p> <p>(iii) Insulating the suction pipe with expanded polyethylene foam (thermocole) of 5mm thick tubing.</p> <p>(iv) Laying 15mm Drain pipe of 6 meter/ more length to drain out the condensate water being formed in the indoor unit.</p> <p>(v) Leak testing of the entire system.</p> <p>(vi) Charging of Refrigerant gas in the unit.</p> <p>(vii) Suitable electrical wiring between indoor and outdoor unit and from indoor unit to 06 meter or up to switch. Switches/Sockets/Plugs are not included in the scope of supply.</p>	Tenderer must do these works.