



**ODISHA POWER GENERATION CORPORATION LIMITED
IB THERMAL POWER STATION
PURCHASE DEPARTMENT**

AT: RESOURCE CENTER,PO: BANHARPALI , DIST: JHARSUGUDA-768234 (ODISHA), INDIA.
Tele Fax No. 06645-289-355, Tel No. 06645-289-354/355/356
Email: purchase@opgc.co.in

TENDER ENQUIRY

Ref: 1230000189	Dt.		
Last date & time of receipt of Tender		Date & Time of Opening of Tender	
██████████	██████████	██████████	██████████

EMD:

Name: Arti Tiwari
Contact: 8093076207
Email: arti.tiwari@opgc.co.in

To

Dear Sir,

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██
██

- 1:1 interchangeability certificate to be submitted along with supply.
- Guarantee/Warranty certificate to be submitted along with supply.
- Material Test Certificate to be submitted.
- Vendors are requested to kindly furnish your PAN & GST Number. GST certificate to be submitted.
- Bank Mandate form to be submitted to make your payment through RTGS/NEFT.
- It is preferred OEM to participate in the bidding procedure. In case dealer/distributor/stockiest, valid OEM certificate must be submitted.
- PO copies & company price list are to be submitted for price justification.
- Country of origin along with supporting documents to be submitted as applicable for imported make items.
- Vendors are requested to submit their sealed offers at our site by sending through Speed Post to Jharsuguda Branch, Pin-768201.
- Qty. may be changed at the time purchase order.
- Delivery: As mentioned in the tender document.
- Payment Terms: As mentioned in the tender document.
- Please refer OPGC Banning policy which will be a part of the bid acceptance and binding:
https://www.opgc.co.in/plc/OPGC_Banning%20_Policy_n.pdf
- In case of single tender Bidder has to submit declaration that they have offered less price to any other Industry during the current and previous year finance year. In case the same is established price fall clause will be applicable and OPGC reserve the right to deduct/claim the differential amount.

Price offered should be of FOR destination, IB Thermal Power Station. P&F, Freight, Insurance, GST and other landed cost component quoted, if any, are to be indicated in terms of percentage of basic price/fixed price or will be loaded maximum for evaluation of bids.

Offer may not be considered without valid GST. Please enclose product catalogue & company price list. Offer will remain valid for a period of 90 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,

Your faithfully,
(Purchase)

ITEM DETAILS:

PRQ No.	SI	Code	Des.	Qty.	UOM	Delivery
1100011164	00010	194300201002	Diff Press Transmitters -350 to 350	8.000	EA	25.05.2026
1100011164	00020	194300201005	Diff Press Transmitters -250 to 250 mmh2	10.000	EA	25.05.2026
1100011164	00030	194300201004	Diff Press Transmitters 0 to 1500 mmh20	8.000	EA	25.05.2026
1100011164	00040	194300260027	PRESS TX,RANGE-(0 to 1.3)BAR ABS	14.000	NO	25.05.2026
1100011164	00050	194300261014	DPX.TRANSMITTERS(-400 TO 500)MMWC.	6.000	EA	25.05.2026
1100011164	00060	194300261008	PRESSURE TRANSMITTER 614GS2132817111	5.000	EA	25.05.2026
1100011164	00070	194300261005	GAUGE PRESSURE TRANSMITTER 621GB273A817	6.000	EA	25.05.2026
1100011164	00080	194300262003	Pressure transmitter,(0-40)ksg	10.000	NO	25.05.2026

GENERAL INSTRUCTIONS

- 1.0 Each tender should be sent in properly sealed envelope addressed to the Purchase (Head), 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 the tender.
- 3.0 The tenders submitted must be free from over writings or eraser. Corrections & additions if any must be attested. Incomplete tender should not be submitted. Tenders received after the due date of opening will not be entertained.
- 4.0 The required EMD in shape of DD payable at State Bank of India (Code No.SBIN0009510)/ Union Bank of India (Code - UBIN0806625)/ Central Bank of India (Code283899) payable at Ib Thermal Power Station, Banharpali, Jharsuguda in favour of Odisha Power Generation Corporation Limited. Otherwise, you can submit directly RTGS/NIFT in our company name - Odisha Power Generation Corporation Limited, Banharpali. Account number of State Bank of India - 10765789090 (Code No. 9510)/Account number of Central Bank of India, ITPS, Banharpali - 2062780721 (Code - 0283899)/Account number of Union Bank of India, Adhapada - 066211011000005 (Code-0662). In case EMD submitted in form of DD, the DD shall be valid for a period of three (03) months from the date of opening of the price bid.
- 5.0 The offer given must remain valid for a period of 90 days from the date of opening of price bid.
- 6.0 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 the tender.
- 7.0 The price quoted should be firm and delivery F.O.R destination inclusive of packing,forwarding, transportation and insurance charges except duties & taxes. Rebate discount if any given may also be mentioned.
- 8.0 Percentage of GST declared to be charged should be distinctly shown along with the price quoted. GST Registration number must be indicated invariably.
- 9.0 The tenderer's should be able to complete delivery within 20 to 30 days from the date of receipt of purchase order/delivery clause as mentioned herein in or else LD @0.5% per week or maximum @ 5 % will be applicable from the due date.
- 10.0 The tender should be agreeable to our payment terms, i.e. 100% within 30 days of receipt and acceptance of materials at Site.
Payment terms if mentioned under special terms & conditions shall prevail over the above clause.
- 11.0 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.
- 12.0 The merchantability & fitness of the materials should be guaranteed against any manufacturing defect or bad workmanship for a period of 12 months from the date of use or 18 months from the date of supply whichever is earlier. Extra 03 months grace period shall be provided by them for lodging or claiming for the same.
- 13.0 The tender must accompany photocopy of latest & valid Income Tax Clearance Certificate & Good & Service 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 GeM /EPM, they will indicate the same in their tenders and submit a copy of rate contract as a proof of claim.
- 16.0 All Bank charges to vendor's account.
- 17.0 Weight of each item after packing shall have to be mentioned in your offer, otherwise maximum freight charges shall be loaded.
- 18.0 The quantity indicated in this enquiry is provisional and subject to change.
- 19.0 The undersigned reserves the right to accept/reject any or all the tender without assigning any reason thereof.

GENERAL INSTRUCTIONS

- 20.0 Supplier having past experience means of supplying similar items and credentials to other Thermal Power Stations.
- 21.0 Jurisdiction: All contracts effected between OPGCL and vendor shall be subject to Jharsuguda Court Jurisdiction and shall be governed by Law. It is agreed that no other court shall have jurisdiction to entertain any suit or proceedings, even though, part of the cause of action might arise within their jurisdiction. In case any part of the cause of action might arise within the jurisdiction of any other Courts in Odisha, and rest within the jurisdiction of Courts outside the State of Odisha, then it is agreed to between the parties that such suits on proceedings shall be instituted in a Court within the State of Odisha and no other Court outside the State of Odisha have jurisdiction.
- 22.0 Arbitration: In case of any dispute arising out of the supply or interpretation of meaning of the terms in these conditions of purchase or any alleged breach thereof, the same shall be referred to independent Arbitrator/s selected by the aggrieved party and consented by the other party. The arbitration shall be conducted in accordance with the provision of Indian Arbitration Act of 1996 or modifications thereof and award of Arbitrator shall be final and binding on both parties. The arbitrations shall be conducted at Jharsuguda or at such place as decided by Arbitrator. The cost, incidentally shall be borne by the vendor.
- 23.0 Litigation: All expenses and cost in connection with litigation, if any, will be to vendor account.
- 24.0 MSME Policy as per Odisha Micro Small Medium Policy latest amendment shall be applicable.
- 25.0 PATENTS, ROYALTIES, SELLERS LIABILITY AND COMPLIANCE OF REGULATIONS: Vendor shall protect and fully indemnify the Purchaser from any claims for infringement of patents, copy right, trade mark of the like. Seller shall also protect and fully indemnify the Purchaser from any claims from Sellers workman/employees, their heirs, dependents, representatives etc. or from any other person/persons or bodies/companies etc. For any act of commission or omission while executing the order. Seller shall be responsible for compliance with all requirements under the laws and shall protect and indemnify completely the Purchaser from any claims/ /penalties arising out of any infringement.
- 26.0 Vendor has to agree and abide the Non Disclosure agreement and IntegrityPolicy of OPGCL by accepting this enquiry.

(Purchase)



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Ref: 1230000189

ANNEXURE

Item	Matl./Srv Desc.	Qty.	UoM	Unit Rate	Tax	Amount
10	194300201002-Diff Press Transmitters -350 to 350 Diff Press Transmitters-350 to 350MMWC Specification:- 1. Type: 2-Wire Smart type Differential Pressure Transmitter 2. Maximum Working Pressure: 6000PSI 3. Maximum Working Temperature: 600 deg C 4. Fill: Silicone Oil-200 or equivalent 5. Range: -1000 to +1000 mmWC 6. Operating Calibration Range: -350 to +350 mmWC 7. Supply (2-Wire System) with 24VDC 8. Output: 4 to 20mA 9. Flange Material: SS 316L 10. Process Wetted Parts: Hastelloy C (Diaphragm) 11. Process Connection: ½" NPT (F) 12. Electrical Connection: ½" NPT 13. Output Meter: LCD Digital Display at Field(5 digit) 14. Compatible to Universal DCS System (maxDNA) 15. Accuracy: 0.05% of Span, 16. Rangeability Ratio: 100:1 17. Stability: 0.2% of ULR for 10 years. 18. IP: 67 or better 19. Compatibility with HART-475 Communicator Protocol. 20. Supply with Traditional Type manifold in SS316 (3 Valve)for Process & Transmitter Connection. MAKE:A)ROSEMOUNT B)ABB C)YOKOGAWA D)SIEMENS E)HONEYWELL F)ENDRESS+HAUSER	8	EA			
Diff Press Transmitters-350 to 350MMWC Specification:- 1. Type: 2-Wire Smart type Differential Pressure Transmitter						



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2. Maximum Working Pressure: 6000PSI
3. Maximum Working Temperature: 600 deg C
4. Fill: Silicone Oil-200 or equivalent
5. Range: -1000 to +1000 mmWC
6. Operating Calibration Range: -350 to +350 mmWC
7. Supply (2-Wire System) with 24VDC
8. Output: 4 to 20mA
9. Flange Material: SS 316L
10. Process Wetted Parts: Hastelloy C (Diaphragm)
11. Process Connection: ½" NPT (F)
12. Electrical Connection: ½" NPT
13. Output Meter: LCD Digital Display at Field(5 digit)
14. Compatible to Universal DCS System (maxDNA)
15. Accuracy: 0.05% of Span,
16. Rangeability Ratio: 100:1
17. Stability: 0.2% of ULR for 10 years.
18. IP: 67 or better
19. Compatibility with HART-475 Communicator Protocol.
20. Supply with Traditional Type manifold in SS316 (3 Valve)for Process & Transmitter Connection.

MAKE:A)ROSEMOUNT

B)ABB

C)YOKOGAWA

D)SIEMENS

E)HONEYWELL

F)ENDRESS+HAUSER

20	<p>194300201005-Diff Press Transmitters 10 EA</p> <p>-250 to 250 mmh2</p> <p>PECIFICATION:</p> <ol style="list-style-type: none"> 1. Type: 2-Wire Smart type Differential Pressure Transmitter 2. Maximum Operating Temperature: 600 deg C 3. Fill: Silicone Oil-200 or Equivalent 4. Range: -3000 to +3000 mmWC 5. Operating Calibration Range: -1200 to +1200 mmWC 6. Loop Power Supply (2-Wire System) with 24VDC 7. Output: 4 to 20mA 8. Flange Material: SS 316T MWP-6000 PSIG 9. Process Wetted Parts: 316L SST/Hastelloy 10. Process Connection: ½" NPT (F) Back/Front Entry 11 Electrical Connection: ½" NPT 12. Output Display: Local LCD/LED Digital Display. 13. Compatible to Universal DCS System (maxDNA) 	10	EA			
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<p>14. Accuracy: 0.04 to 0.06% of Span, 15. Rangeability Ratio: 100:1 to 150:1, 16. Stability: 0.2% of ULR for 10 years. 17. IP: 67 or better 18. Compatibility with HART-475 Communicator Protocol 19. Supply with Traditional Type manifold for Process & Transmitter Connection.</p> <p>MAKE: A) ROSEMOUNT B) ABB C) YOKOGAWA D) SIEMENS E) HONEYWELL F) ENDRESS+HAUSER</p>						
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<p>PECIFICATION:</p> <ol style="list-style-type: none"> 1. Type: 2-Wire Smart type Differential Pressure Transmitter 2. Maximum Operating Temperature: 600 deg C 3. Fill: Silicone Oil-200 or Equivalent 4. Range: -3000 to +3000 mmWC 5. Operating Calibration Range: -1200 to +1200 mmWC 6. Loop Power Supply (2-Wire System) with 24VDC 7. Output: 4 to 20mA 8. Flange Material: SS 316T MWP-6000 PSIG 9. Process Wetted Parts: 316L SST/Hastelloy 10. Process Connection: 1/2" NPT (F) Back/Front Entry 11. Electrical Connection: 1/2" NPT 12. Output Display: Local LCD/LED Digital Display. 13. Compatible to Universal DCS System (maxDNA) 14. Accuracy: 0.04 to 0.06% of Span, 15. Rangeability Ratio: 100:1 to 150:1, 16. Stability: 0.2% of ULR for 10 years. 17. IP: 67 or better 18. Compatibility with HART-475 Communicator Protocol 19. Supply with Traditional Type manifold for Process & Transmitter Connection. <p>MAKE: A) ROSEMOUNT B) ABB C) YOKOGAWA D) SIEMENS E) HONEYWELL F) ENDRESS+HAUSER</p>						
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30	<p>194300201004-Diff Press Transmitters 0 to 1500 mmh20 Diff Press Transmitters 0 to 1500 mmh20</p> <p>SPECIFICATION:-</p>	8	EA			
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<p>1. Type: 2-Wire Smart type Differential Pressure Transmitter</p> <p>2. Maximum Working Pressure: 6000PSI</p> <p>3. Maximum Working Temperature: 600 deg C</p> <p>4. Fill: Silicone Oil-200 or equivalent</p> <p>5. Range: 0 to 3000 mmWC</p> <p>6. Operating Calibration Range: 0 to 1500 mmWC</p> <p>7. Supply (2-Wire System) with 24VDC</p> <p>8. Output: 4 to 20mA</p> <p>9. Flange Material: SS 316L</p> <p>10. Process Wetted Parts: Hastelloy C(diaphragm)</p> <p>11. Process Connection: 1/2" NPT (F)</p> <p>12. Electrical Connection: 1/2" NPT</p> <p>13. Output Meter: LCD Digital Display at Field(5 digit)</p> <p>14. Compatible to Universal DCS System (maxDNA)</p> <p>15. Accuracy: 0.05% of Span,</p> <p>16. Rangeability Ratio: 100:1</p> <p>17. Stability: 0.2% of ULR for 10 years.</p> <p>18. IP: 67 or better</p> <p>19. Compatibility with HART-475 Communicator Protocol</p> <p>20. Supply with Traditional Type manifold in SS316(3 Valve)for Process & Transmitter</p> <p>MAKE:A)ROSEMOUNT B)ABB C)YOKOGAWA D)SIEMENS E)HONEYWELL F)ENDRESS+HAUSER</p>					
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<p>Diff Press Transmitters 0 to 1500 mmh20</p> <p>SPECIFICATION:-</p> <p>1. Type: 2-Wire Smart type Differential Pressure Transmitter</p> <p>2. Maximum Working Pressure: 6000PSI</p> <p>3. Maximum Working Temperature: 600 deg C</p> <p>4. Fill: Silicone Oil-200 or equivalent</p> <p>5. Range: 0 to 3000 mmWC</p> <p>6. Operating Calibration Range: 0 to 1500 mmWC</p> <p>7. Supply (2-Wire System) with 24VDC</p> <p>8. Output: 4 to 20mA</p> <p>9. Flange Material: SS 316L</p> <p>10. Process Wetted Parts: Hastelloy C(diaphragm)</p> <p>11. Process Connection: 1/2" NPT (F)</p>
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- 12. Electrical Connection: ½" NPT
- 13. Output Meter: LCD Digital Display at Field(5 digit)
- 14. Compatible to Universal DCS System (maxDNA)
- 15. Accuracy: 0.05% of Span,
- 16. Rangeability Ratio: 100:1
- 17. Stability: 0.2% of ULR for 10 years.
- 18. IP: 67 or better
- 19. Compatibility with HART-475 Communicator Protocol
- 20. Supply with Traditional Type manifold in SS316(3 Valve)for Process & Transmitter

MAKE:A)ROSEMOUNT

- B)ABB
- C)YOKOGAWA
- D)SIEMENS
- E)HONEYWELL
- F)ENDRESS+HAUSER

40	194300260027-PRESS TX,RANGE-(0 to 1.3)BAR ABS PRESS TX,RANGE-(0 to 1.3)BAR ABS,YOKOGAWA,EJA510E-JAS4N-012EL/D3	14	NO			
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SPECIFICATION:

PT,TX TYPE:ABSOLUTE,CAL RANGE:(0-1.3)BAR ABS
Over/static pressure limit: 2 BAR,
Stability:±0.1 % More than 10 yrs,
Turn down ratio:10:1,
Response time:100ms or better,
Accuracy : +/-0.04% of calibrated span or better
Instrument Span(Bar):(0 to 2) BAR,
Element Type:Diaphragm,Body Material(Other wetted PartMOC):SS316L,
Element Material(Diaphragm MOC):Hastelloy C-278,
Over Range Protection:150 % of operating pressure,
Process Connection:1/2"NPT(F) THREADED,
Connection Location:Bottom entry,,
Fill Fluid:Silicone,
SUPPLY:(10.5-42)V DC,Output Type-HART/ 4 -20 mA,
With Mounting Accessories

SUGGESTED MAKE:

- 1-M/S Yokogawa.
- 2-M/S Siemens
- 3-M/S Emerson/Rosemount.
- 4-M/S Honeywell.
- 5-M/S ABB

50	194300261014-DPX.TRANSMITTERS(-400 TO 500)MMWC. DPX.TRANSMITTERS(-400 TO	6	EA			
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<p>500)MMWC. Specification:- 1.Type: 2-Wire Smart type Differential Pressure Transmitter 2. Maximum Working Pressure: 6000PSI 3. Maximum Working Temperature: 600 deg C 4. Fill: Silicone Oil-200 or equivalent 5. Range: -1000 to +1000 mmWC 6. Operating Calibration Range: -350 to +350 mmWC 7. Supply (2-Wire System) with 24VDC 8. Output: 4 to 20mA 9. Flange Material: SS 316L 10. Process Wetted Parts: Hastelloy C (Diaphragm) 11. Process Connection: ½" NPT (F) 12. Electrical Connection: ½" NPT 13. Output Meter: LCD Digital Display at Field(5 Digit) 14. Compatible to Universal DCS System (maxDNA) 15. Accuracy: 0.05% of Span, 16. Rangeability Ratio: 100:1 17. Stability: 0.2% of ULR for 10 years. 18. IP: 67 or better 19. Compatibility with HART-475 Communicator Protocol 20. Supply with Traditional Type manifold in SS316 (3 Valve)for Process & Transmitter Connection.</p> <p>MAKE:A)ROSEMOUNT B)ABB C)YOKOGAWA D)SIEMENS E)HONEYWELL F)ENDRESS+HAUSER</p>					
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<p>DPX.TRANSMITTERS(-400 TO 500)MMWC. Specification:- 1.Type: 2-Wire Smart type Differential Pressure Transmitter 2. Maximum Working Pressure: 6000PSI 3. Maximum Working Temperature: 600 deg C 4. Fill: Silicone Oil-200 or equivalent 5. Range: -1000 to +1000 mmWC 6. Operating Calibration Range: -350 to +350 mmWC 7. Supply (2-Wire System) with 24VDC 8. Output: 4 to 20mA 9. Flange Material: SS 316L 10. Process Wetted Parts: Hastelloy C (Diaphragm)</p>
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- 11. Process Connection: ½" NPT (F)
- 12. Electrical Connection: ½" NPT
- 13. Output Meter: LCD Digital Display at Field(5 Digit)
- 14. Compatible to Universal DCS System (maxDNA)
- 15. Accuracy: 0.05% of Span,
- 16. Rangeability Ratio: 100:1
- 17. Stability: 0.2% of ULR for 10 years.
- 18. IP: 67 or better
- 19. Compatibility with HART-475 Communicator Protocol
- 20. Supply with Traditional Type manifold in SS316 (3 Valve)for Process & Transmitter Connection.

MAKE:A)ROSEMOUNT

- B)ABB
- C)YOKOGAWA
- D)SIEMENS
- E)HONEYWELL
- F)ENDRESS+HAUSER

60	194300261008-PRESSURE TRANSMITTER 614GS2132817111 specification: PRESSURE TRANSMITTER 614GS2132817111,(0-10)kg/cm2 1. Type: 2-Wire Smart type Pressure Transmitter 38500.00 2. Maximum Working Pressure: 6000PSI 3. Maximum Working Temperature: 600 deg C 4. Fill: Silicone Oil-200 or equivalent 5. Range: 0 to 25 Kg/Cm ² 6. Operating Calibration Range: 0 to 10 Kg/Cm ² 7. Supply (2-Wire System) with 24VDC 8. Output: 4 to 20mA 9. Flange Material: SS 316L 10. Process Wetted Parts: Hastelloy C (Diaphragm) 11. Process Connection: ½" NPT (F) 12. Electrical Connection: ½" NPT 13. Output Meter: LCD/LED Digital Display at Field 14. Compatible to Universal DCS System (maxDNA) 15. Accuracy: 0.05% of Span, 16. Rangeability Ratio: 100:1 17. Stability: 0.2% of ULR for 10 years. 18. IP: 67 or better 19. Compatibility with HART-475 Communicator Protocol 20. Supply with Traditional Type manifold in SS316 (2 Valve)for Process & Transmitter	5	EA			
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Connection.						
MAKE:A)ROSEMOUNT B)ABB C)YOKOGAWA D)SIEMENS E)HONEYWELL F)ENDRESS+HAUSER						

<p>specification: PRESSURE TRANSMITTER 614GS2132817111,(0-10)kg/cm2</p> <ol style="list-style-type: none"> 1. Type: 2-Wire Smart type Pressure Transmitter 38500.00 2. Maximum Working Pressure: 6000PSI 3. Maximum Working Temperature: 600 deg C 4. Fill: Silicone Oil-200 or equivalent 5. Range: 0 to 25 Kg/Cm² 6. Operating Calibration Range: 0 to 10 Kg/Cm² 7. Supply (2-Wire System) with 24VDC 8. Output: 4 to 20mA 9. Flange Material: SS 316L 10. Process Wetted Parts: Hastelloy C (Diaphragm) 11. Process Connection: ½" NPT (F) 12. Electrical Connection: ½" NPT 13. Output Meter: LCD/LED Digital Display at Field 14. Compatible to Universal DCS System (maxDNA) 15. Accuracy: 0.05% of Span, 16. Rangeability Ratio: 100:1 17. Stability: 0.2% of ULR for 10 years. 18. IP: 67 or better 19. Compatibility with HART-475 Communicator Protocol 20. Supply with Traditional Type manifold in SS316 (2 Valve)for Process & Transmitter Connection. <p>MAKE:A)ROSEMOUNT B)ABB C)YOKOGAWA D)SIEMENS E)HONEYWELL F)ENDRESS+HAUSER</p>						
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70	194300261005-GAUGE PRESSURE TRANSMITTER 621GB273A817 SPECIFICATION:- GAUGE PRESSURE TRANSMITTER (0-250)k/cm2 621GB273A817 <ol style="list-style-type: none"> 1. Type: 2-Wire Smart type Pressure Transmitter 38500.00 2. Maximum Working Pressure: 6000 PSI 3. Maximum Working Temperature: 600 deg C 4. Fill: Silicone Oil-200 or equivalent 5. Range: 0 to 400 Kg/Cm² 	6	EA			
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<p>6. Operating Calibration Range: 0 to 250 Kg/Cm² 7. Supply (2-Wire System) with 24V DC 8. Output: 4 to 20 mA 9. Flange Material: SS 316L 10. Process Wetted Parts: Hastelloy C (Diaphragm) 11. Process Connection: ½" NPT (F) 12. Electrical Connection: ½" NPT 13. Output Meter: LCD Digital Display at Field(5 Digit) 14. Compatible to Universal DCS System (maxDNA) 15. Accuracy: 0.05% of Span, 16. Rangeability Ratio: 100:1 17. Stability: 0.2% of ULR for 10 years. 18. IP: 67 or better 19. Compatibility with HART-475 Communicator Protocol 20. Supply with traditional type manifold in SS316(2Valve) for process and transmitter connection.</p> <p>MAKE: A) ROSEMOUNT B) ABB C) YOKOGAWA D) SIEMENS E) HONEYWELL F) ENDRESS+HAUSER</p>					
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SPECIFICATION:-
GAUGE PRESSURE TRANSMITTER (0-250)k/cm²
621GB273A817

1. Type: 2-Wire Smart type Pressure Transmitter 38500.00
2. Maximum Working Pressure: 6000 PSI
3. Maximum Working Temperature: 600 deg C
4. Fill: Silicone Oil-200 or equivalent
5. Range: 0 to 400 Kg/Cm²
6. Operating Calibration Range: 0 to 250 Kg/Cm²
7. Supply (2-Wire System) with 24V DC
8. Output: 4 to 20 mA
9. Flange Material: SS 316L
10. Process Wetted Parts: Hastelloy C (Diaphragm)
11. Process Connection: ½" NPT (F)
12. Electrical Connection: ½" NPT
13. Output Meter: LCD Digital Display at Field(5 Digit)
14. Compatible to Universal DCS System (maxDNA)
15. Accuracy: 0.05% of Span,
16. Rangeability Ratio: 100:1
17. Stability: 0.2% of ULR for 10 years.
18. IP: 67 or better
19. Compatibility with HART-475 Communicator Protocol
20. Supply with traditional type manifold in



**ODISHA POWER GENERATION CORPORATION LIMITED
IB THERMAL POWER STATION
PURCHASE DEPARTMENT**

AT: RESOURCE CENTER,PO: BANHARPALI , DIST: JHARSUGUDA-768234 (ODISHA), INDIA.
Tele Fax No. 06645-289-355, Tel No. 06645-289-354/355/356
Email: purchase@opgc.co.in

SS316(2Valve) for process and transmitter connection.

- MAKE: A) ROSEMOUNT
B) ABB
C) YOKOGAWA
D) SIEMENS
E) HONEYWELL
F) ENDRESS+HAUSER

80	194300262003-Pressure transmitter,(0-40)ksg "Two Wire 24VDC PRESSURE TRANSMITTER with Zero-Span Arrangement, Output: 4-20mA DC Make: ABB, Model: 266HSHQSBA7/L9/R1/B6+2VM, Linearity/Accuracy: ± 0.1 %, Repeatability: ± 0.1 %, Max Turndown Ration: 100:1, Update Time: 25 mS, HART Compatible, IP67/NEMA 4X Protection Class Process Connection: 1/2" NPT (f) Connection: 1/2 NPT, Span: 80 bar Display: 5 Digit LCD "	10	NO			
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SPECIFICATION:

1. PT, TX TYPE: GAUGE,
2. CAL RANGE: (0-40) BAR,
3. Over/static pressure limit: 200 BAR,
4. Output: 4-20 mA DC 2-wire type (linear)
5. Power Supply: 18-30 VDC or better, Nominal: 24 VDC
6. Load Limitation: 500 ohms resistive at 24 VDC or better
7. Zero / Span adjustment: zero and span should be adjustable from Hart/Zero and span should also be adjustable by external push buttons
8. Damping: Adjustable from 0.2 to 10 second or more
9. Display: Local digital display
10. Ambient Temperature range: 10 - 85 Deg C or better
11. Process Temperature range: 10 -120 Deg C, or better
12. Accuracy (including linearity, hysteresis and repeatability): +/- 0.065% of calibrated span or better
13. Stability: ±0.1 % More than 10yrs,
14. Process Connection: 1/2"NPT(F) through flange
15. Electrical connection: screw type, if connector type than to be supplied by the party
16. Cable Entry : 1/2" NPT(F) along with suitable cable gland.
17. Process #wetted parts material: Diaphragm: Hastelloy-C / SS316L
18. Turndown ration : 10:1 or better
19. Electronic Housing: Low copper die-cast aluminium alloy finished with epoxy / polyurethane coating



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- 20. Fill Fluid: Silicon oil-200 or equivalent.
- 21. Environmental Protection: IP 67 or better
- 22. Response time : Less than 200 msec
- 23. Polarity protection : Required
- 24. Venting : Drain & vent plugs to be provided/SS316.
- 25. Mounting: Vertical mounting on 50 mm pipe using mounting bracket
- 26. Accessories: Transmitter should be supplied with mounting bracket, Nut & bolt
- 27. Application : Water/Oil/steam

28. Others:

- Should support Hart 475 communication protocol
- Facility for zero elevation / Suppression
- Warranty/Guarantee: one year
- Party to supply operating/maintenance manual

MAKE: A) ROSEMOUNT

B) ABB

C) YOKOGAWA

D) SIEMENS

E) HONEYWELL

F) ENDRESS+HAUSER

Total :

Rupees (in words) :

NOTE:

NIL