

[Validate](#)[Print](#)[Help](#)**ANNEXURE-A**Tender Inviting Authority: **MANAGER / PURCHASE BAP RANIPET**Name of Work: **REQUIREMENT OF LPG VAPOUR FLOW METER**Enquiry No: **2011049E**

Name of the Bidder/ Bidding Firm /				
PRICE SCHEDULE				
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)				
NUMBER #	TEXT #	NUMBER	TEXT #	TEXT #
Sl. No.	Item Description	Quantity	Units	Remark by Bidder
1	2	4	5	55
1	LPG VAPOUR FLOW METER FOR 62 MM PIPE SPECIFICATION AS PER ANNEXURE-A.	1	NOS	
2	LPG VAPOUR FLOW METER FOR 49 MM PIPE SPECIFICATION AS PER ANNEXURE-B.	1	NOS	
3	OXYGEN GAS FLOW METER FOR 49 MM PIPE SPECIFICATION AS PER ANNEXURE-C.	1	NOS	
4	COMPRESSED AIR FLOW METER -225MM PIPE SPECIFICATION AS PER ANNEXURE-D.	1	NOS	

706542/2022/BAP-9792_MSCMPTS

DETAILS OF LONG DESCRIPTION FOR INDENT NO. : D83010016

Item Slno	Material Code	Short Description	Long Description	Unit	Cleared Qty.	Dely. Dtg.
1	IM8307260004	LPG VAPOUR FLOW METER FOR 62 MM PIPE	SPECIFICATION AS PER ANNEXURE-A.	NO	1.000	
2	IM8307260005	LPG VAPOUR FLOW METER FOR 49 MM PIPE	SPECIFICATION AS PER ANNEXURE-B.	NO	1.000	
3	IM8307260006	OXYGEN GAS FLOW METER FOR 49 MM PIPE	SPECIFICATION AS PER ANNEXURE-C.	NO	1.000	
4	IM8307260007	COMPRESSED AIR FLOW METER - 225MM PIPE	SPECIFICATION AS PER ANNEXURE-D.	NO	1.000	

Pre-Qualification Requirement (PQR) for supply of Pneumatic operated butterfly valve -2011049E

Offers from Bidders meeting any one of the below Pre-qualification requirements are only qualified to participate in this Tender Enquiry.

Sl.No	Pre-Qualification Requirement / Criteria	Documentary evidence to be submitted by the Bidder	Bidders' Remarks / Comment / Confirmation
1	If the Bidder is a manufacturer Gas/Air Flow meter	1.Certificate of Incorporation	
2	If the Bidder is a distributor of Gas/Air Flow meter	1.Authorised distribution certificate from OEM valid for three months after date of tender opening to be provided.	
3	If the Bidder is a trader of Gas/Air Flow meter	Previous P.O. copy of Gas/air Flow meter in the last two years.	

All the suppliers must submit product catalogue of the valve and other items in the assembly, including make and model number they have offered in the technical bid.

Note: - All the stipulated documents shall be submitted along with Technical bid. In case of non-submission of required documents, the bid shall be liable for rejection.

Technical Specifications for flowmeter for the indent No. 2011049E

Annexure-B

Sl.No	Description	BHEL's Specification	Vendor's Specification	Deviation if any
1	Type of Gas	LPG Vapor		
2	Make/Model	Burak/BA-800 or equivalent		
3	Flow range	5 to 100 kg/hr		
4	Flow unit selection	kg/hr, Nm3/hr,SCFM,SLPM		
5	Flowmeter display	Digital		
6	Pipeline OD	49 mm		
7	Meter size	1.5"		
8	Fluid pressure range	1.5 to 2.5 bar		
9	Rate of Flow	Pulsating		
10	Mesuring medium temperature	15 to 40 Deg Centigrade		
11	Available power supply	Single phase, 230V,50 Hz		
12	Communication	RS485 Modbus RTU or Equalent		
13	Connection	Flanged end preferably & counter flanges is also to be provided.		
14	Measurement accuracy	2% on both sides instantanious and totalizer.		
15	Measurement (Totalizer)	Instantaneous and totalizer. For totalizer Between given period		
16	Encloser protection	IP 67, Explosion Proof		
17	Material of construction	Rust proof material to be used for all parts.		
18	Short description	LPG vapour flow meter for 49 mm pipe		
19	Material code	IM8307260005		

Technical Specifications for flowmeter for the indent No. 2011049E

Annexure-A

Sl.No	Description	BHEL's Specification	Vendor's Specification	Deviation if any
1	Type of Gas	LPG Vapor		
2	Make/Model	Burak/BA-800 or equivalent		
3	Flow range	09 to 300 kg/hr		
4	Flow unit selection	kg/hr, Nm3/hr,SCFM,SLPM		
5	Flowmeter display	Digital		
6	Pipeline OD	62 mm		
7	Meter size	2"		
8	Fluid pressure range	1.5 to 2.5 bar		
9	Rate of Flow	Pulsating		
10	Mesuring medium temperature	15 to 40 Deg Centigrade		
11	Available power supply	Single phase, 230V,50 Hz		
12	Communication	RS485 Modbus RTU or Equivalent		
13	Connection	Flanged end preferably & counter flanges is also to be provided.		
14	Measurement accuracy	2% on both sides instantanious and totalizer.		
15	Measurement (Totalizer)	Instantaneous and totalizer. For totalizer Between given period		
16	Encloser protection	IP 67, Explosion Proof		
17	Material of construction	Rust proof material to be used for all parts.		
18	Short description	LPG vapour flow meter for 62 mm pipe		
19	Material code	IM8307260004		

Technical Specifications for flowmeter for the indent No. 2011049E

Annexure-C

Sl.No	Description	BHEL's Specification	Vendor's Specification	Deviation if any
1	Type of Gas	Oxygen Gas		
2	Make/Model	Burak/BA-800 or equivalent		
3	Flow range	5 to 100 Nm3/hr		
4	Flow unit selection	kg/hr, Nm3/hr,SCFM,SLPM		
5	Flowmeter display	Digital		
6	Pipeline OD	49 mm		
7	Meter size	1.5"		
8	Fluid pressure range	2 to 6 bar		
9	Rate of Flow	Pulsating		
10	Mesuring medium temperature	15 to 40 Deg Centigrade		
11	Available power supply	Single phase, 230V,50 Hz		
12	Communication	RS485 Modbus RTU or Equalent		
13	Connection	Flanged end preferably & counter flanges is also to be provided.		
14	Measurement accuracy	2% on both sides instantanious and totalizer.		
15	Measurement (Totalizer)	Instantaneous and totalizer. For totalizer Between given period		
16	Encloser protection	IP 67, Explosion Proof		
17	Material of construction	Rust proof material to be used for all parts.		
18	Short description	Oxygen gas flow meter for 49 mm pipe		
19	Material code	IM8307260006		

Technical Specifications for flowmeter for the indent No. 2011049E

Annexure-D

Sl.No	Description	BHEL's Specification	Vendor's Specification	Deviation if any
1	Type of Gas	Compressed Air		
2	Make/Model	Burak/BA-1000 or equivalent		
3	Flow range	68 to 5000 SCFM		
4	Flow unit selection	kg/hr, Nm ³ /hr,SCFM,SLPM		
5	Flowmeter display	Digital		
6	Pipeline OD	225 mm		
7	Meter size	8"		
8	Fluid pressure range	3 to 10 bar		
9	Rate of Flow	Pulsating		
10	Mesuring medium temperature	15 to 40 Deg Centigrade		
11	Available power supply	Single phase, 230V,50 Hz		
12	Communication	RS485 Modbus RTU or Equalent		
13	Connection	Flanged end preferably & counter flanges is also to be provided.		
14	Measurement accuracy	2% on both sides instantaneous and totalizer.		
15	Measurement (Totalizer)	Instantaneous and totalizer. For totalizer Between given period		
16	Encloser protection	IP 67, Explosion Proof		
17	Material of construction	Rust proof material to be used for all parts.		
18	Short description	Compressed air flow meter for 225 mm pipe		
19	Material code	IM8307260007		

Annexure-I

Essential Commercial Terms & Conditions for our enquiry no. (2011049E)

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SL. NO	DESCRIPTION	BHEL'S REQUIREMENT	SUPPLIER'S COMMENTS
01	PRICE	Firm till completion of order.	
02	DELIVERY TERMS	FOR, DESTINATION (BHEL,Ranipet-Stores)	
03	PACKING& FORWARIDING	Included. (if extra indicate in %)	
04	FREIGHT & INSURANCE	To be included (If extra indicate in %)	
05	GST RATE	To be indicated by supplier GST/IGST/CGST(whether it is extra / included in percentage)	
06	HSN CODE (Each items)	HSN-Code to be indicated by supplier	
06	OCTROI	If any, to supplier's account only.	
07	MSME STATUS (MICRO/SMALL/ME DIUM)	Supplier has to mention, whether they are coming under Micro/ Small / Medium Enterprises. If you are coming in Micro/ Small industries, submit the EMII/ Udyog Aadhar. If issue date of EMII /Udyog aadhaar is more than 5 years old ,Submit Chartered accountant Certificate in the attached format.	
07	PAYMENT	100% within 90 days of receipt and acceptance of materials at our stores for NON-MSME supplier. (Kindly note that our present standard payment terms for MSME vendors is "100% within 45 days of receipt and acceptance of materials at our stores". Please confirm your acceptance for the same. In the event of any deviation in the above payment terms the following loading on your total rate will be done as below." Base rate of SBI (as applicable on the date of techno commercial bid opening) + 6% shall be considered for loading for the period of relaxation sought by you")	
08	DELIVERY PERIOD	To be indicated by supplier	
09	L.D.CLAUSE	As indicated in Enquiry (as per IMPORTANT NOTE) Confirmation L.D. clause as indicated in Enquiry @ 0.5% per week subject to a maximum of 10% for the delayed delivery. (In case any bidder is not accepting the above penalty for delayed Supply, the offer of bidder shall be loaded to the extent to which it is not agreed by the bidder. Example: If the Supplier has accepted for maximum 5% penalty clause, then balance 5% will be loaded for evaluating lowest bidder)	
10	OFFER VALIDITY	Minimum 90 days from the date RA /Technical bid opening.	
11	INSPECTION BEFORE DESPATCH	Will be done at Your Works Before Dispatch	
12	TEST CERTIFICATE	Required	
14	GUARANTEE CERTIFICATE	The materials are to be guaranteed for satisfactory performance for a period of 12 months from the date of commissioning / putting in to use. OR, 18 months from the date of dispatch, which ever is earliest and if any defect is noticed during the above period, the same shall be rectified / replaced free of cost on FOR Ranipet / Destination basis within a reasonable time.(Required)	

14	RISK PURCHASE (PLEASE REFER OVERLEAF OF ENQUIRY FORMAT CLAUSE:7)	Alternatively, the purchaser at his option will be entitled the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute therefor. The supplier shall be liable for any loss which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in Clause 10 above	
15	Cancellation Clause	In the event of non- performance of the contract by the supplier. BHEL reserves the right to cancel the order with issue of a written notice. BHEL would provide a curing period of 30 days, for the supplier to rectify the situation. If the supplier fails to rectify the reason/s that led to the issue of cancellation notice by BHEL, then the cancellation order would be issued automatically by BHEL, without further recourse to the seller. BHEL will not pay any cancellation charges or any other charges/damages to the supplier, arising out of such cancellation. In the event of the non-performance of the supply contract, by the supplier, the rights of BHEL include, in addition to cancelling the order, to take alternate purchase action at the cost and risk of the supplier. The additional expenditure to be incurred by BHEL in such alternate purchase would be to the account of the supplier. (Risk Purchase). This remedy would be in addition to the revoking of the CEBG on grounds of failure of the supplier in executing the contract and any other legal remedies."	
16	Force Majeure	If at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligations under this contract shall be prevented or delayed by reason of any war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, explosions epidemics quarantine restrictions, or acts of God (herein after referred to as event) then, provided notice of happening of any such event is given by other within 21 days from date of occurrence thereof neither party shall be reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such non-performance and delay in performance and delivery under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist. If the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such event, claims for extension of time shall be granted for periods considered reasonable by the Purchaser subject to prompt notification by the seller to the Purchaser of the particulars of the event and supply to the purchaser if, required , of any supporting evidence. Any waiver of time in respect of partial installment shall not be deemed to be a waiver of time in respect of remaining deliveries.	
17	Any Other Charges	Please indicate any charge applicable which is not include above	
18	CONTACT PERSON NAME:		
19	PHONE #, FAX#		
20	E-MAIL ID,		
21	CELL #		
22	GST No:		
23	PAN NO:		

The above format shall be completely filled and deviation if any shall be clearly spelt out. The columns which are not applicable shall be mentioned as "not applicable". No column should be left blank. Non filling-up of columns may lead to rejection of your offer. If there is any difference (in the points accepted/confirmed) between the offer and this filled-up commercial terms & conditions sheet, the later only shall prevail.

Date:

SIGNATURE WITH SEAL

NOTE: HSN Code for each products/items of an enquiry