



RATE CONTRACT OF FLOW ELEMENT-ORIFICE

ENQ. REF: PE/PG/RTC/ E-6424/2020, DTD-23/04/2020-PRICE SCHEDULE- FLOW ELEMENT-ORIFICE

NAME OF VENDOR-

SL NO	ITEM DESCRIPTION (Pipe Size)	UOM	TENTATIVE QUANTITY	HSN CODE	UNIT EX-WORKS PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL EX WORKS PRICE OF ORIFICE GIVEN AT SL NO-F OF COUNM 9	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) IN PERCENTAGE OF TOTAL EX WORKS PRICE OF ORIFICE GIVEN AT SL NO-F OF COUNM 9	TOTAL EX- WORKS PRICE (DULY PACKED) (INR)	FREIGHT CHARGES WITHOUT GST @ % OF TOTAL EX WORKS (INR)	APPLICABLE GST RATE % ON (TOTAL EX WORKS + FREIGHT) (INR)	TOTAL F.O.R SITE PRICE (INR)
1	2	3	4	5	6	7	8	9	10	11	12
A	Complete Orifice assembly with pipe line material of SA106GRB / SA106GRC / CS AS PER IS 2062 GR B/CARBON STEEL ERW,IS:1239 and flange material of ASTM A 105 (without root valves) [Complete Orifice assembly with THREE (3) pairs of tapping , accessories like pair of gasket , nipple, Pressure take-off points etc and commisioning spare of 1 no. pair of gasket for each assembly]										
A.1	40" (1000 NB)	NOS.	1	9026	1.14687	Derived	1.14687	Derived	% TO BE QUOTED	% TO BE QUOTED	Derived
A.2	36" (900 NB)	NOS.	7	9026	0.98336	Derived	6.88353	Derived			Derived
A.3	32" (800 NB)	NOS.	6	9026	0.83157	Derived	4.98942	Derived			Derived
A.4	28" (700 NB)	NOS.	10	9026	0.66442	Derived	6.64419	Derived			Derived
A.5	24" (600 NB)	NOS.	3	9026	0.62226	Derived	1.86677	Derived			Derived
A.6	20" (500 NB)	NOS.	9	9026	0.47619	Derived	4.28568	Derived			Derived
A.7	18" (450 NB)	NOS.	21	9026	0.40330	Derived	8.46934	Derived			Derived
A.8	16" (400 NB)	NOS.	8	9026	0.32831	Derived	2.62650	Derived			Derived
A.9	14" (350 NB)	NOS.	15	9026	0.25694	Derived	3.85403	Derived			Derived
A.10	12" (300 NB)	NOS.	67	9026	0.18104	Derived	12.12963	Derived			Derived
A.11	10" (250 NB)	NOS.	26	9026	0.12683	Derived	3.29755	Derived			Derived
A.12	8" (200 NB)	NOS.	13	9026	0.08767	Derived	1.13974	Derived			Derived
A.13	6" (150 NB)	NOS.	10	9026	0.06599	Derived	0.65991	Derived			Derived
A.14	4" (100 NB)	NOS.	1	9026	0.04695	Derived	0.04695	Derived			Derived
A.15	< 4" (<100 NB)	NOS.	1	9026	0.04370	Derived	0.04370	Derived			Derived

B	Complete Orifice assembly with pipe line material of SA312TP304/SS316/SS316L and flange material of ASTM A 182 F304 SS316 SS316L(without root valves) [SCHEDULE OF PRICES for Complete Orifice assembly with THREE (3) pairs of tapping, accessories like pair of gasket , nipple, Pressure take-off points etc and commisioning spare of 1 no. pair of gasket for each assembly]										
B.1	20" (500 NB)	NOS.	1	9026	1.54564	Derived	1.54564	Derived			Derived
B.2	18" (450 NB)	NOS.	1	9026	1.03766	Derived	1.03766	Derived			Derived
B.3	14" (350 NB)	NOS.	1	9026	0.79060	Derived	0.79060	Derived			Derived
B.4	8" (200 NB)	NOS.	6	9026	0.19893	Derived	1.19360	Derived			Derived
B.5	6" (150 NB)	NOS.	6	9026	0.14231	Derived	0.85388	Derived			Derived
B.6	4" (100 NB)	NOS.	15	9026	0.08660	Derived	1.29896	Derived			Derived
C	Additional items to be included based on project specific requirements (Item shall be applicable for any line size as mentioned at sl. no. A or B)										
C.1	PAIR OF GASKET	NOS.	1	9026	0.01953	Derived	0.01953	Derived			Derived
C.2	NIPPLE 15Nb , SS316 , SS316L 250mm long	NOS.	1	9026	0.00244	Derived	0.00244	Derived			Derived
D	CALIBRATION CHARGES for Complete Orifice assembly [with pipe line material of SA106GRB / SA106GRC / CS AS PER IS 2062 GR B/CARBON STEEL ERW,IS:1239 and flange material of ASTM A 105 (without root valves)]										
D.1	40" (1000 NB)	NOS.	1	9983	0.93608	Derived	0.93608	Derived		% TO BE QUOTED	Derived
D.2	36" (900 NB)	NOS.	3	9983	0.81057	Derived	2.43172	Derived			Derived
D.3	32" (800 NB)	NOS.	4	9983	0.77249	Derived	3.08997	Derived			Derived
D.4	28" (700 NB)	NOS.	5	9983	0.72232	Derived	3.61158	Derived			Derived
D.5	24" (600 NB)	NOS.	2	9983	0.47612	Derived	0.95224	Derived			Derived
D.6	20" (500 NB)	NOS.	4	9983	0.41379	Derived	1.65518	Derived			Derived
D.7	18" (450 NB)	NOS.	9	9983	0.40812	Derived	3.67309	Derived			Derived
D.8	16" (400 NB)	NOS.	6	9983	0.32486	Derived	1.94918	Derived			Derived
D.9	14" (350 NB)	NOS.	6	9983	0.30177	Derived	1.81062	Derived			Derived
D.10	12" (300 NB)	NOS.	20	9983	0.26566	Derived	5.31327	Derived			Derived
D.11	10" (250 NB)	NOS.	19	9983	0.19877	Derived	3.77667	Derived			Derived
D.12	8" (200 NB)	NOS.	11	9983	0.16396	Derived	1.80355	Derived			Derived
D.13	6" (150 NB)	NOS.	9	9983	0.14325	Derived	1.28929	Derived			Derived

D.14	4" (100 NB)	NOS.	1	9983	0.10311	Derived	0.10311	Derived			Derived
D.15	< 4" (<100 NB)	NOS.	1	9983	0.07086	Derived	0.07086	Derived			Derived
E	CALIBRATION CHARGES for Complete Orifice assembly [with pipe line material of SA312TP304/SS316/SS316L and flange material of ASTM A 182 F304 SS316 SS316L(without root valves)]										
E.1	20" (500 NB)	NOS.	1	9983	0.43737	Derived	0.43737	Derived			Derived
E.2	18" (450 NB)	NOS.	1	9983	0.41051	Derived	0.41051	Derived			Derived
E.3	14" (350 NB)	NOS.	1	9983	0.31928	Derived	0.31928	Derived			Derived
E.4	8" (200 NB)	NOS.	3	9983	0.16396	Derived	0.49188	Derived			Derived
E.5	6" (150 NB)	NOS.	3	9983	0.14325	Derived	0.42976	Derived			Derived
E.6	4" (100 NB)	NOS.	6	9983	0.10311	Derived	0.61866	Derived			Derived
F	GRAND TOTAL (A+B+C+D+E)						100.0000	TO BE QUOTED = Rs X	Derived	Derived	Derived = Rs Y
Note:-											
1. Bidder to note that evaluation shall be on Grand Total Ex works price + Freight charges, however, Bidder to quote grand total Ex works of the flow element mentioned at sl. A to E (Rs X) only as per the BOQ above. The item wise break up of Ex works prices (unit as well as total) for all the items in the BOQ shall be derived as per the formulae indicated above by BHEL. Indigenous bidder also need to indicate taxes percentage in the respective column and freight percentage of Ex works value considering delivery anywhere in India in the freight column.											
2. Rate contract shall be decided on the basis of grand Total Ex works price + Freight charges of Total BOQ											
3. Bidder to quote single % Freight for the BOQ supply items.											
4. Value is to be filled only where “to be quoted” is mentioned and for other columns where “derived” is mentioned same shall be derived by BHEL as per % allocation fixed against each item											
5. Prices shall remain firm during contract execution.											
6. For any clarification please refer Technical Specification No-PE-TS-20-145-I105A											