

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
SATISH DHAWAN SPACE CENTRE SRIHARIKOTA (SDSC SHAR)
NELLORE**

Tender for OMPF Hydrant system

Bids to be submitted online

Tender No.: SDSC SHAR/LSSF PURCHASE/SH202100043101 dated 30-09-2021

A. Tender Details

Tender No : **SDSC SHAR/LSSF PURCHASE/SH202100043101**

Tender Date : **30-09-2021**

Tender Classification: **WORKS**

Purchase Entity : **LSSF PURCHASE**

Centre : **SATISH DHAWAN SPACE CENTRE SRIHARIKOTA
(SDSC SHAR)**

Procurement of OMPF Hydrant system

Procurement of OMPF Hydrant system on PT
Two part basis

A.1 Tender Schedule

Bid Submission Start Date : **30-09-2021 15:00**

Bid Clarification Due Date : **15-10-2021 15:00**

Bid Submission Due Date : **21-10-2021 16:00**

Bid Opening Date : **22-10-2021 14:30**

Price Bid Opening Date : **22-11-2021 14:30**

B. Tender Attachments

Technical Write-up/Drawings

Document : OMPF HYDRANT LINE LAYOUT

Document : Technical specifications

Instructions To Vendors

3. We are proposing to invite Tenders in Two Parts viz., Part-I Techno and Commercial & Part-II Price. All Tenderers are requested to follow carefully the following instructions before preparing their offer.

1.PART- I- TECHNO COMMERCIAL BID -

(1)This part should contain detailed Specifications of the items quoted by you along with Technical Literature and Leaflets if any.

(2)All the Commercial terms and Conditions applicable also should be indicated separately under separate heads.

(3)The Commercial terms such as delivery terms, delivery period, payment terms, warranty, validity of the offer, Installation & Commissioning, Duties and Taxes etc shall come into this.

(4)Either Technical Specifications or Terms & Conditions as above should be very clearly reflected items wise with reference to the items called for in the tender.

(5)Please not those Prices should not be indicated in this part.

(6)Any deviations from the Technical Specifications and Commercial Terms shall be indicated separately.

2.PART II PRICE BID

(1)The prices applicable for the items, item wise in response to the tender shall come into this part.

(2)Tender shall indicate very clearly item wise prices with reference to their Technical Offer.

C. Bid Templates

C.1 Technical Bid - OMPF Hydrant system

1. PIPING

Realization of Fire Hydrant system for OMPF which includes Supply of material, Piping fabrication, erection, testing and commissioning as per the enclosed specifications.(One lot consists of the sch. of qty. as defined in specs.)

Item specifications for PIPING

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Confirm details in page-5 of RFP specifications" Realization of Fire Hydrant system for OMPF which includes, Supply of material, Piping fabrication, erection, testing, commissioning & painting as per the specifications" – 1 lot is understood and accepted.	YES / NO	Yes / No / Explain		
2	One Lot consists of the following as defined in Table-1 is understood and accepted.	YES / NO	Yes / No / Explain		
3	Confirm the Offer is submitted in two parts 1) Techno-Commercial Bid and 2) Price bid	YES / NO	Yes / No / Explain		
4	SECTION – A GENERAL TERMS AND CONDITIONS FOR BID		-		
5	Confirm SI.No.01, Terms and conditions for Bids are understood and accepted.	YES / NO	Yes / No / Explain		

6	Confirm all Details for SI.No.02 , Details to be furnished in techno-commercial bid & price bid ,PART-I Techno-Commercial bid are understood and accepted.	YES / NO	Yes / No / Explain		
7	Confirm all Details for SI.No.2.2 FORMAT OF UN-PRICED BID (PRICES SHOULD NOT BE MENTIONED ANY WHERE IN PART-I) is filled and submitted.	YES / NO	Yes / No / Explain		
8	Confirm SI.No.2.3 Format to be filled signed and shall be uploaded by the supplier in techno-commercial bid., Terms and conditions for Bids are understood and accepted.	YES / NO	Yes / No / Explain		
9	Confirm all Details are furnished for SI.No.2.4,PART-II,Price bid indicating the price, and PRICE BID FORMAT (PRICES SHOULD BE MENTIONED IN PART-II ONLY)	YES / NO	Yes / No / Explain		
10	Confirm for Proposal document SI.No.1.1 to 1.7, all points are followed.	YES / NO	Yes / No / Explain		
11	Confirm SI. No. 1.8, there is no Ambiguity	YES / NO	Yes / No / Explain		
12	Confirm for SI. No. B- Preparation of bids, points from 1.1 to 1.6 are understood and accepted.	YES / NO	Yes / No / Explain		
13	Confirm SI. No. C, bids submission is understood as per and accepted.	YES / NO	Yes / No / Explain		
14	Confirm SI. No. D, bids evaluation is understood as per and accepted.	YES / NO	Yes / No / Explain		

15	Confirmation of Commercial terms as per Sl. No. E	YES / NO	Yes / No / Explain		
16	Confirm Point No. 1, Taxes, (Sl. No. i to iii) is understood and accepted.	YES / NO	Yes / No / Explain		
17	Confirm Point No. 2, Delivery period: 8 Months is understood and accepted.	YES / NO	Yes / No / Explain		
18	Confirm Point No. 3, Terms of payment, (Sl. No. 'a' to 'd') is understood Sl.No.09 and accepted.	YES / NO	Yes / No / Explain		
19	Confirm Point No. 4, Liquidated Damages (LD) clause is understood and accepted,	YES / NO	Yes / No / Explain		
20	Confirm Point No. 5, Warranty clause is understood and accepted.	YES / NO	Yes / No / Explain		
21	Confirm Point No. 6, Performance Bank Guarantee (PBG) clause is understood and accepted.	YES / NO	Yes / No / Explain		
22	Confirm Point No. 7, Security Deposit clause is understood and accepted.	YES / NO	Yes / No / Explain		
23	Confirm Point No. 8, Validity of the offer clause is understood and accepted.	YES / NO	Yes / No / Explain		
24	Confirm Point No. 9, As all the scope of work is inter-related, Bidder has to quote for all the items listed in the Technical specification (Section-B & C), Schedule of quantities without which the offer will not be considered.	YES / NO	Yes / No / Explain		
25	Confirm Point No. 10, Force majeure clause is understood and accepted.	YES / NO	Yes / No / Explain		

26	Confirm Point No. 11, Arbitration clause is understood and accepted.	YES / NO	Yes / No / Explain		
27	Confirm Point No. 12, Secrecy clause is understood and accepted.	YES / NO	Yes / No / Explain		
28	Confirm Point No. 13, Compliance with security requirements clause is understood and accepted.	YES / NO	Yes / No / Explain		
29	Confirm Point No. 14, Confidentiality and proprietary right protection clause is understood and accepted.	YES / NO	Yes / No / Explain		
30	Confirm Point No. 15, instructions to the bidder are understood and accepted.	YES / NO	Yes / No / Explain		
31	Confirm Point No. 16, terms and conditions to Bidder are understood and accepted.	YES / NO	Yes / No / Explain		
32	Confirm Point No. 17, specific requirements are understood and accepted.	YES / NO	Yes / No / Explain		
33	Confirm Point No. 18, unit rates clause is understood and accepted.	YES / NO	Yes / No / Explain		
34	Confirm Point No. 19, Confirm Safety clause is understood and accepted.	YES / NO	Yes / No / Explain		
35	Confirm Point No. 20, General conditions clause is understood and accepted.	YES / NO	Yes / No / Explain		
36	Confirm Point No. 21, Transportation & Material Handling clause is understood and accepted, SI.No.24.	YES / NO	Yes / No / Explain		

37	Confirm Point No. 22, Evaluation of machinery, man power & consumables clause is accepted.	YES / NO	Yes / No / Explain		
38	Confirm Point No. 23, Medical assistance clause is understood and accepted.	YES / NO	Yes / No / Explain		
39	Confirm Point No. 24, Bidder minimum qualification criteria is understood and accepted.	YES / NO	Yes / No / Explain		
40	Confirm Point No. 25, Confirm Bidder evaluation criteria clause is understood and accepted.	YES / NO	Yes / No / Explain		
41	SECTION-B Specification for details of works to be carried out	YES / NO	Yes / No / Explain		
42	Specifications for Erection testing and Commissioning of Fire Hydrant system consisting of Carbon steel piping including supply of flow components for orbital module preparation facility (OMPF) at SDSC SHAR Centre, Sriharikota. Chapter-1.	YES / NO	Yes / No / Explain		
43	Confirm Point No. 01, Scope of work	YES / NO	Yes / No / Explain		
44	Confirm Point No. 02, Detailed scope of work	YES / NO	Yes / No / Explain		
45	Confirm Point No. 03, Scope of department	YES / NO	Yes / No / Explain		
46	Confirm Point No. 04, Procedure for CS piping fabrication works and erection work:	YES / NO	Yes / No / Explain		
47	Confirm Point No. 4.1, Fabrication, erection of Carbon Steel (CS) pipes (Butt-welding & Socket Welding.	YES / NO	Yes / No / Explain		

48	Confirm Point No. 4.1.1, Dye-penetrant testing	YES / NO	Yes / No / Explain		
49	Confirm Point No. 4.1.2, Radiography	YES / NO	Yes / No / Explain		
50	Confirm Point No. 4.1.3, Consumables	YES / NO	Yes / No / Explain		
51	Confirm Point No. 4.1.4, Machinery	YES / NO	Yes / No / Explain		
52	Confirm Point No. 4.2, Electrical	YES / NO	Yes / No / Explain		
53	Confirm Point No. 4.3, Man power	YES / NO	Yes / No / Explain		
54	Confirm Point No. 4.4, Carbon steel pipe erection	YES / NO	Yes / No / Explain		
55	Confirm Point No. 4.5, Wrapper Coating	YES / NO	Yes / No / Explain		
56	Confirm Point No. 4.6, Inspection	YES / NO	Yes / No / Explain		
57	Confirm Point No. 4.7, Testing ,Evaluation & Commissioning	YES / NO	Yes / No / Explain		
58	Confirm Point No. 5.0, Sequence to be followed for construction of pipe pedestals, trenches, equipment foundation etc.,	YES / NO	Yes / No / Explain		
59	Confirm Clapter-2, Procedure for Fabrication and Erection of M.S Structural Steel is understood and accepted.	YES / NO	Yes / No / Explain		
60	SECTION-C, Technical Specification for supply of items	YES / NO	Yes / No / Explain		
61	Confirm Chapter-3, Specifications for Carbon steel ERW pipes, is understood and accepted.	YES / NO	Yes / No / Explain		
62	Confirm Chapter-4, Specifications for Carbon steel seamless pipes, is understood and accepted.	YES / NO	Yes / No / Explain		

63	Confirm Chapter–5, Specifications for Carbon steel pipe fittings and flanges, is understood and accepted.	YES / NO	Yes / No / Explain		
64	Confirm Chapter–6, Specifications for Wafer Type Butterfly Valves, is understood and accepted.	YES / NO	Yes / No / Explain		
65	Confirm Chapter–7, Specifications for Water monitors, is understood and accepted.	YES / NO	Yes / No / Explain		
66	Confirm Chapter–8, Specifications for Fire Hydrants, Pump-in- breaching, hoses, branch pipes and hose boxes, is understood and accepted.	YES / NO	Yes / No / Explain		
67	Confirm Chapter–9, Specifications for Specification of Electro Galvanized fasteners, is understood and accepted.	YES / NO	Yes / No / Explain		
68	Confirm Chapter–10, Specification of Electro Galvanized U Clamps is understood and accepted.	YES / NO	Yes / No / Explain		
69	Confirm Chapter–11, Specification for paints is understood and accepted.	YES / NO	Yes / No / Explain		
70	Confirm Chapter–12, Specification for MS Structural is understood and accepted.	YES / NO	Yes / No / Explain		
71	Confirm Chapter–13, Specifications for Miscellaneous items Viz., Tyton Gaskets, CAF gaskets, Anchor Fasteners Wrapper Coating is understood and accepted.	YES / NO	Yes / No / Explain		
72	SECTION-D, Formats to be submitted by Bidder	YES / NO	Yes / No / Explain		

73	Checklist to be filled by the contractor	YES / NO	Yes / No / Explain		
74	Confirm Bidder Minimum Qualification Criteria is filled and submitted.	YES / NO	Yes / No / Explain		
75	Confirm Evaluation Criteria is filled and submitted.	YES / NO	Yes / No / Explain		

Document : specifications

Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of Carbon steel 15 NB Elbow-90 Degrees Socket Weld Sch40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
2	Supply of Carbon steel 25NB Elbow-90 Degrees Socket Weld Sch40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
3	Supply of Carbon steel 25NB Thredolet Sch-40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
4	Supply of Carbon steel 15NB Thredolet Sch-40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		

5	Supply of Carbon steel 15NB Coupling One SW one End NPT Threaded. Sch-40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
6	Supply of Carbon steel 25NB Coupling One SW one End NPT Threaded. Sch-40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
7	Supply of Carbon steel 15NB Socokolet Sch-40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
8	Supply of Carbon steel 25NB Socokolet Sch-40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
9	Supply of Carbon steel 15NB BET Nipple Sch-40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
10	Supply of Carbon steel 25NB BET Nipple Sch-40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		

11	Supply of Carbon steel 40NB BET Nipple Sch-40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
12	Supply of Carbon steel 15NB OET Nipple Sch-40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
13	Supply of Carbon steel 25NB OET Nipple Sch-40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
14	Supply of Carbon steel 40NB OET Nipple Sch-40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
15	Supply of Butterfly valve, wafer design, integral seat, bubble tight shut off, class rating PN 16 Size: 250 NB as per specification in Section-C/chapter-6	3 Nos	Yes / No / Explain		
16	Supply of Butterfly valve, wafer design, integral seat, bubble tight shut off, class rating PN 16 Size: 200 NB as per specification in Section-C/chapter-6	5 Nos	Yes / No / Explain		

17	Supply of Butterfly valve, wafer design, integral seat, bubble tight shut off, class rating PN 16 Size: 150 NB as per specification in Section-C/chapter-6	25 Nos	Yes / No / Explain		
18	Supply of Butterfly valve, wafer design, integral seat, bubble tight shut off, class rating PN 16 Size: 100 NB as per specification in Section-C/chapter-6	10 Nos	Yes / No / Explain		
19	Supply of Butterfly valve, wafer design, integral seat, bubble tight shut off, class rating PN 16 Size: 80 NB as per specification in Section-C/chapter-6	5 Nos	Yes / No / Explain		
20	Supply of Butterfly valve, wafer design, integral seat, bubble tight shut off, class rating PN 16 Size: 50 NB as per specification in Section-C/chapter-6	10 Nos	Yes / No / Explain		

21	Supply of Super jet stand post type Manual water monitors confirming to IS 8442, Size 100 NB, Discharge 1750 lpm at 7 kg/cm ² (as per specification in Section-C/chapter-7	6 Nos	Yes / No / Explain		
22	Supply of Fire hydrant valve, single oblique outlet confirming to IS 5290 as per specification in Section-C/chapter-8	40 Nos	Yes / No / Explain		
23	Supply of Two way inlet-pump-in breeching as per IS 903, inlet flange size: 100 NB, 150# as per ANSI B 16.5 as per specification in Section-C/chapter-8	4 Nos	Yes / No / Explain		
24	Supply of Branch pipe nozzles for Fire hydrant as per specification in Section-C/chapter-8	30 Nos	Yes / No / Explain		
25	Supply of FRP hose boxes/cabinet suitable to accommodate two lengths of 15 m long fire hose and two Nos. branch pipes as per specification in Section-C/chapter-8	10 Nos	Yes / No / Explain		

26	Supply of Non percolating flexible Firefighting hose, as per IS :638 Type B mark, Size 63 mm, 15 m long with instantaneous coupling. As per specification in Section-C/chapter-8	20 Nos	Yes / No / Explain		
27	Supply, Fabrication & erection of structural supports, as per specifications in Section-B/chapter-2	7000 Kgs	Yes / No / Explain		
28	Supply & Application of Wrapper coating tape of 4mm thick AWWA C 203 tape, Size of Pipe: 250NB, as per specifications in Section-B/chapter-1	100 Mtr	Yes / No / Explain		
29	Supply & Application of Wrapper coating tape of 4mm thick AWWA C 203 tape, Size of Pipe: 200 NB, as per specifications in Section-B/chapter-1	500 Mtr	Yes / No / Explain		
30	Supply & Application of Wrapper coating tape of 4mm thick AWWA C 203 tape, Size of Pipe: 150 NB, as per specifications in Section-B/chapter-1	50 Mtr	Yes / No / Explain		

31	Construction of Pipe pedestals /trenches as per specifications in Section-B/chapter-1	10 Cum	Yes / No / Explain		
32	Carbon steel welding: Butt welding of pipes, fittings by GTAW welding process for Root and SMAW for subsequent passes for road crossings and hydrant posts with weld consumables with 10% Radiography, as per specifications in Section-B/chapter-1	6200 Inch Dia	Yes / No / Explain		
33	Carbon steel Socket welding of fittings, Slip on flanges etc by GTAW welding process for Root and SMAW for subsequent passes road crossings and hydrant posts with weld consumables, as per specifications in Section- B/ chapter-1	2000 Inch Dia	Yes / No / Explain		

34	CS piping erection, Installation of flow components like manual butterfly valves, hydrant post etc by providing adequate clamping, testing, painting tag numbering and commissioning , as per specifications in Section-B/chapter-1	12500 Inch Mtr	Yes / No / Explain		
35	Gravel path way of 1 mt wide, 15 mt length and 150 mm thick from the nearest road for hydrant/water monitors,	25 Cum	Yes / No / Explain		
36	Removal of existing underground DI pipes one meter below ground level, Size: 200 NB to 250NB	20 Mtr	Yes / No / Explain		
37	Erection of New underground DI pipes one meter below ground level, Size: 250 NB	20 Mtr	Yes / No / Explain		
38	Supply of Carbon steel 200x200x150 NB Unequal Tee butt weld Sch40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		

39	Supply of Carbon steel 200x200x100 NB Unequal Tee butt weld Sch40 as per specification in Section-C/chapter-5	10 Nos	Yes / No / Explain		
40	Supply of Carbon steel 250X200 NB concentric reducer butt weld Sch40 as per specification in Section-C/chapter-5	5Nos	Yes / No / Explain		
41	Supply of Carbon steel 250X150 NB concentric reducer butt weld Sch40 as per specification in Section-C/chapter-5	5 Nos	Yes / No / Explain		
42	Supply of Carbon steel 200X150 NB concentric reducer butt weld Sch40 as per specification in Section-C/chapter-5	5 Nos	Yes / No / Explain		
43	Supply of Carbon steel 100X80 NB concentric reducer butt weld Sch40 as per specification in Section-C/chapter-5	5 Nos	Yes / No / Explain		
44	Supply of Carbon steel 150X100 NB concentric reducer butt weld Sch40 as per specification in Section-C/chapter-5	5 Nos	Yes / No / Explain		

45	Supply of Carbon steel 150X80 NB concentric reducer butt weld Sch40 as per specification in Section-C/chapter-5	50 Nos	Yes / No / Explain		
46	Supply of Carbon steel 250NB PN16 SORF flanges (EN1092-1 PN16) as per specification in Section-C/chapter-5	5 Nos	Yes / No / Explain		
47	Supply of Carbon steel 200NB PN16 SORF flanges (EN1092-1 PN16) as per specification in Section-C/chapter-5	5 Nos	Yes / No / Explain		
48	Supply of Carbon steel 150NB PN16 SORF flanges (EN1092-1 PN16) as per specification in Section-C/chapter-5	5Nos	Yes / No / Explain		
49	Supply of Carbon steel 100NB PN16 SORF flanges (EN1092-1 PN16) as per specification in Section-C/chapter-5	5Nos	Yes / No / Explain		
50	Supply of Carbon steel 250 NB SORF flanges (ANSI B16.5 150#) as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		

51	Supply of Carbon steel 200 NB SORF Flanges (ANSI B16.5 150#) as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
52	Supply of Carbon steel 150 NB SORF flanges (ANSI B16.5 150#) as per specification in Section-C/chapter-5	50 Nos	Yes / No / Explain		
53	Supply of Carbon steel 100 NB SORF flanges (ANSI B16.5 150#) as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
54	Supply of Carbon steel 80 NB SORF flanges (ANSI B16.5 150#) as per specification in Section-C/chapter-5	50 Nos	Yes / No / Explain		
55	Supply of Carbon steel 50 NB SORF flanges (ANSI B16.5 150#) as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
56	Supply of Carbon steel 25 NB SORF flanges (ANSI B16.5 150#) as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		

57	Supply of Carbon steel 250 NB BLRF flange (ANSI B16.5 150#) as per specification in Section-C/chapter-5	4 Nos	Yes / No / Explain		
58	Supply of ERW Carbon steel pipes/Mild steel pipes confirming to IS:3589:1991, Gr.Fe410 as per the specifications in Section-C/chapter-3, Size:250NB	700 Mtr	Yes / No / Explain		
59	Supply of ERW Carbon steel pipes/Mild steel pipes confirming to IS:3589:1991, Gr.Fe410 as per the specifications in Section-C/chapter-3, Size:200NB	690Mtr	Yes / No / Explain		
60	Supply of Seamless pipes, Sch 40 Carbon steel pipes as per ASTM-A106Gr.B, Size:150NB as per specification in Section-C/chapter-4	80 Mtr	Yes / No / Explain		
61	Supply of Seamless pipes, Sch 40 Carbon steel pipes as per ASTM-A106Gr.B, Size:100NB as per specification in Section-C/chapter-4	50 Mtr	Yes / No / Explain		

62	Supply of Seamless pipes, Sch 40 Carbon steel pipes as per ASTM-A106Gr.B, Size:80NB as per specification in Section-C/chapter-4	50 Mtr	Yes / No / Explain		
63	Supply of Seamless pipes, Sch 40 Carbon steel pipes as per ASTM-A106Gr.B, Size:50NB as per specification in Section-C/chapter-4	50 Mtr	Yes / No / Explain		
64	Supply of Seamless pipes, Sch 40 Carbon steel pipes as per ASTM-A106Gr.B, Size:40NB as per specification in Section-C/chapter-4	50 Mtr	Yes / No / Explain		
65	Supply of Seamless pipes, Sch 40 Carbon steel pipes as per ASTM-A106Gr.B, Size:25NB as per specification in Section-C/chapter-4	50 Mtr	Yes / No / Explain		
66	Supply of Seamless pipes, Sch 40 Carbon steel pipes as per ASTM-A106Gr.B, Size:15NB as per specification in Section-C/chapter-4	50 Mtr	Yes / No / Explain		

67	Supply of Carbon steel 250NB Elbow-90 Degree butt weld Sch40 as per specification in Section-C/chapter-5	25 Nos	Yes / No / Explain		
68	Supply of Carbon steel 200NB Elbow-90 Degree butt weld Sch40 as per specification in Section-C/chapter-5	20 Nos	Yes / No / Explain		
69	Supply of Carbon steel 150NB Elbow-90 Degree butt weld Sch40 as per specification in Section-C/chapter-5	10 Nos	Yes / No / Explain		
70	Supply of Carbon steel 100NB Elbow-90 Degree butt weld Sch40 as per specification in Section-C/chapter-5	10 Nos	Yes / No / Explain		
71	Supply of Carbon steel 80NB Elbow-90 Degree butt weld Sch40 as per specification in Section-C/chapter-5	5 Nos	Yes / No / Explain		
72	Supply of Carbon steel 50NB Elbow-90 Degree butt weld Sch40 as per specification in Section-C/chapter-5	10 Nos	Yes / No / Explain		

73	Supply of Carbon steel 25NB Elbow-90 Degree butt weld Sch40 as per specification in Section-C/chapter-5	10 Nos	Yes / No / Explain		
74	Supply of Carbon steel 15NB Elbow-90 Degree butt weld Sch40 as per specification in Section-C/chapter-5	10 Nos	Yes / No / Explain		
75	Supply of Carbon steel 250NB Elbow-45 Degree butt weld Sch40 as per specification in Section-C/chapter-5	10 Nos	Yes / No / Explain		
76	Supply of Carbon steel 200NB Elbow-45 Degree butt weld Sch40 as per specification in Section-C/chapter-5	10 Nos	Yes / No / Explain		
77	Supply of Carbon steel 150NB Elbow-45 Degree butt weld Sch40 as per specification in Section-C/chapter-5	5 Nos	Yes / No / Explain		
78	Supply of Carbon steel 100NB Elbow-45 Degree butt weld Sch40 as per specification in Section-C/chapter-5	5 Nos	Yes / No / Explain		

79	Supply of Carbon steel 80NB Elbow-45 Degree butt weld Sch40 as per specification in Section-C/chapter-5	2 Nos	Yes / No / Explain		
80	Supply of Carbon steel 50NB Elbow-45 Degree butt weld Sch40 as per specification in Section-C/chapter-5	5 Nos	Yes / No / Explain		
81	Supply of Carbon steel 25NB Elbow-45 Degree butt weld Sch40 as per specification in Section-C/chapter-5	5 Nos	Yes / No / Explain		
82	Supply of Carbon steel 250NB Equal Tee butt weld Sch40 as per specification in Section-C/chapter-5	2 Nos	Yes / No / Explain		
83	Supply of Carbon steel 200NB Equal Tee butt weld Sch40 as per specification in Section-C/chapter-5	7 Nos	Yes / No / Explain		
84	Supply of Carbon steel 150NB Equal Tee butt weld Sch40 as per specification in Section-C/chapter-5	25 Nos	Yes / No / Explain		
85	Supply of Carbon steel 100NB Equal Tee butt weld Sch40 as per specification in Section-C/chapter-5	5 Nos	Yes / No / Explain		

86	Supply of Carbon steel 250x250x200 NB Unequal Tee butt weld Sch40 as per specification in Section-C/chapter-5	2 Nos	Yes / No / Explain		
87	Supply of Carbon steel 200 NB BLRF flanges (ANSI B16.5 150#) as per specification in Section-C/chapter-5	4 Nos	Yes / No / Explain		
88	Supply of Carbon steel 150 NB BLRF flanges (ANSI B16.5 150#) as per specification in Section-C/chapter-5	4 Nos	Yes / No / Explain		
89	Supply of Carbon steel 100 NB BLRF flanges (ANSI B16.5 150#) as per specification in Section-C/chapter-5	4 Nos	Yes / No / Explain		
90	Supply of Carbon steel 80 NB BLRF flanges (ANSI B16.5 150#) as per specification in Section-C/chapter-5	4 Nos	Yes / No / Explain		

Supporting Documents required from Vendor

1. Bidder shall sign and stamp each page of RFP as token of acceptance and submit along with the offer

2. SUBMISSION OF SPECIFICATION & TECHNICAL DATA SHEETS OF ALL SUPPLY ITEMS FOR PROPOSED HYDRANT SYSTEM

3. EVALUATION CRITERIA AS PER THE SECTION-D IN RFP DOCUMENT ATTACHED

4. BIDDER MINIMUM QUALIFICATION CRITERIA AS PER THE SECTION-D IN RFP DOCUMENT ATTACHED

5. CHECKLIST TO BE FILLED BY THE CONTRACTOR AS PER THE SECTION-D IN RFP DOCUMENT ATTACHED

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	This work includes supply of the material as per the specifications given in SECTION-C	Yes / No / Explain	
2	The work includes supply of all material, piping fabrication, erection, providing thrust blocks, pipe pedestals, interfacing with the existing system, testing and commissioning including painting as per the specifications in Section-B and Section-C.	Yes / No / Explain	
3	P & F charges, if any, please mention percentage/amount. Note: Please state Whether Quoted percentage/amount is Extra or Inclusive, if not it will be treated as included in the quoted cost Please note that in case of Two part tenders, only percentage should be mentioned otherwise those offers shall be summarily rejected.	Yes / No / Explain	
4	Taxes:For Inter State: As per the Notification No.47/2017-Integrated Tax (Rate) Dt: 14.11.2017 issued by Ministry of Finance (Dept. of Revenue), SDSC SHAR is eligible to avail reduced rate of IGST @5% for the procurements made by the Dept. of Space (DOS) being a public Funded Research Institution. We will provide IGST exemption certificate. For Intra State: As per Notification No.45/2017-Central Tax (Rate) dated 14.11.2017 and Government of Andhra pradesh Goods and Service Tax Act, 2017 (Act No.16 of 2017), G.O.MS.No.599, Dtd: 12.12.2017 issued by Ministry of Finance (Dept. of Revenue), SDSC SHAR is eligible to avail a reduced rate of CGST/SGST @ 5% for the procurements made by the Dept. of Space (DOS) being a public funded research Institution. We will provide IGST exemption certificate. Note: Please state Whether Quoted percentage/amount is Extra or Inclusive, if not it will be treated as included in the quoted cost	Yes / No / Explain	

5	Taxes for service if any, please mention percentage/amount. Note: Please state Whether Quoted percentage/amount is Extra or Inclusive, if not it will be treated as included in the quoted cost	Yes / No / Explain	
6	Please mention your GST registration details & enclose a copy of GST Registration. GST No. for SHAR- GSTIN: 37AAAGS1366J1Z1	Yes / No / Explain	
7	In case of Specific Brand items, Please provide Authorization certificate from OEM.	Yes / No / Explain	
8	As per Notification No. 05/2018 CUSTOMS Dtd. 25.01.2018 ISRO is eligible to reduced rate of customs duty @ 10.775% (CD@5% plus Surcharge@10% plus IGST@ 5%). In case of foreign component involved, We will provide Customs Duty Exemption Certificate in case of Import Orders/ imported supplies/ High Sea Sales. In this connection, tenderer has to provide the following. (i) Please indicate whether your rate is inclusive of this Customs duty @ 10.775% or extra. (ii) what would be the percentage of foreign exchange component you have considered in your quote. (iii) List of items with approximate quantities which require customs duty exemption certificate to be provided. Note: Please state Whether Quoted percentage/amount is Extra or Inclusive, if not it will be treated as included in the quoted cost Please note that in case of Two part tenders, only percentage should be mentioned otherwise those offers shall be summarily rejected.	Yes / No / Explain	
9	Delivery Term:- FOR : SDSC SRIHARIKOTA/SULLURUPETA In case of Foreign orders, FOB or FCA or EX-WORKS.	Yes / No / Explain	
10	Freight charges, if any. If YES please mention the percentage / amount. Note: Please state Whether Quoted percentage/amount is Extra or Inclusive, if not it will be treated as included in the quoted cost Please note that in case of Two part tenders, only percentage should be mentioned otherwise those offers shall be summarily rejected.	Yes / No / Explain	

11	Delivery Schedule as per Tender specifications:	Yes / No / Explain	
12	Payment Term :- 100% payment shall be made through PFMS within 30 days of erection & commissioning and acceptance of the item at our site. OR Payment terms as per Specifications	Yes / No / Explain	
13	Liquidated Damages (LD) :- Since delivery is the essence of this order, LD @ 0.5% per week or part thereof subject to a maximum of 10% of the order value for the delayed period of scope of work	Yes / No / Explain	
14	Warranty:- Warranty for the offered item shall be from the date of installation/acceptance of the item at our site for a minimum period of one year or as specified in the tender document.	Yes / No / Explain	
15	Performance Bank Guarantee (PBG) :- You have to submit a PBG from a Nationalised / Scheduled Bank for 3 % of the order value at the time of supply valid till the completion of warranty period plus 60 days towards claim period. OR 3 % OF THE ORDER VALUE SHALL BE HOLD TILL THE COMPLETION OF WARRANTY PERIOD	Yes / No / Explain	
16	Security Deposit (SD) :- 3 % value of the order shall be deposited with SDSC within 10 days from the date of the Purchase Order towards security deposit in the form of Bank Guarantee towards performance of the Contract valid till completion of the contract period plus sixty days towards claim period. (This will be returned by SDSC immediately on execution of the order satisfactorily as per order terms. If not, the amount will be forfeited). NOT REQUIRED FOR LANDED COST BELOW RS.5 LAKHS.	Yes / No / Explain	
17	In case, if parties are unable to provide two separate BGs, i.e., one for SD & one for PBG, they can submit a combined BG for SD & PBG for 3 % of the Order value valid till the completion of total contractual obligation (i.e., Supply period plus warranty period plus 60 days). Please confirm.	Yes / No / Explain	

18	Insurance :- Being a Govt. Of India Dept., Insurance is not required at our cost. Please ensure the safe delivery of the ordered item with proper transport worthy packing.	Yes / No / Explain	
19	Validity of Offer :- The validity of the offers / tenders should be 90 days (in case of single part tender) and 120 days (in case two part tender) from the date of opening of the tenders. Tenders shorter than offer validity mentioned above will not be considered for evaluation.	Yes / No / Explain	
20	In case of foreign orders, (a) Please specify whether any Export clearance is required. (b) Please specify whether any agency commission is involved or not	Yes / No / Explain	
21	Special conditions against Indian Agents submitting quotations in Foreign Currency. (a) Foreign Principals proforma invoice indicating the commission payable to the Indian Agent and nature of after sales service to be rendered by the Indian Agent. (b) Copy of Agency agreement with the Foreign Principal, precise relationship between them and their mutual interest in the business. (c) The enlistment of the Indian Agent with Director-General of Supplies & Disposals under the Compulsory Registration Scheme of Ministry of Finance.	Yes / No / Explain	
22	Police Verification: The Contractor would be required to provide verification report from the local police authorities within one month from the date of receipt of the order, duly certifying the verification of the Character & Antecedents for each of the work force engaged by the contractor for executing the work.	Yes / No / Explain	
23	The Contractor shall verify/certify the conduct of the work force at frequent intervals. If any of the work force misbehaves or commits any misconduct, SDSC SHAR reserves the right to refuse permission to such persons to enter the premises and such work force shall be withdrawn by the contractor immediately.	Yes / No / Explain	

24	The Contractor shall employ Indian Nationals above age of 18 years only.	Yes / No / Explain	
25	The Contractor should have license to engage laborers under the provisions of Contract Labour (Regulation & Abolition) Act, 1970. Enclose a copy of Labour License as proof for the existing/ previous work order.	Yes / No / Explain	
26	The Contractor should comply all Labour Laws, Minimum Wages Act, Payment of Employees Provident Fund, ESI and Bonus under workmen Compensation Act and other laws applicable from time to time.	Yes / No / Explain	
27	Please provide an undertaking for the compliance of all Labour Laws as applicable from time to time including Minimum Wages Act, Payment of ESI/ EPF/ GST etc.	Yes / No / Explain	
28	INCOME TAX: Income Tax at the prevailing rate as applicable from time to time shall be deducted from the successful Bidders bill as per the Income Tax Act, 1961 and the rules there-under or any re-enactment or Modifications thereof.	Yes / No / Explain	
29	Remarks if any	Yes / No / Explain	
30	Please provide valid/currently using E-mail Id & Contact No. for seeking further clarifications if any	Yes / No / Explain	

31	<p>For this procurement, bids from Class-I & class-II Local Suppliers are admissible. Hence provisions contained in Public Procurement (Preference to Make in India), Order 2017 issued by Department for Promotion of Industry and Internal Trade (DIPP), Ministry of Commerce & Industries vide letter No. P-45021/2/2017-PP(BE-II) dated 04.06.2020 and subsequent amendment & directives shall be followed. Accordingly, offer will be evaluated & processed in conformation with above referred GOI order (Specially mentioned below). The bidder shall provide compliance and undertaking as per order and hereafter amendments: Order no: F.No.6/18/2019 PPD dated 23.07.2020 of Department of Expenditure), Ministry of Finance Under Public procurement division for the General Financial rule (GFRs).</p> <p>(a) Class-I local supplier means a supplier or service provider, whose goods, service or works offered for procurement, has local content equal to or more than 50%, as defined under order.</p> <p>(b) Class-II local supplier means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%, as defined under this Order</p>	Yes / No / Explain	
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C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
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1	PIPING Realization of Fire Hydrant system for OMPF which includes Supply of material, Piping fabrication, erection, testing and commissioning as per the enclosed specifications .(One lot consists of the sch. of qty. as defined in specs.)	1.00 Lot		-		
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Common charges (Applicable for all items)

FREIGHT PER COMMON	
P&F PER COMMON	