

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

**Tender for Supply of CS & SS Manual Butterfly, Ball Valves and
Electro Pneumatic Valves for Foam system at ASLP facilities**

Bids to be submitted online

Tender No.: SDSC SHAR/SOSE Purchase/SH202400133801 dated 27-12-2024

A. Tender Details

Tender No :	SDSC SHAR/SOSE Purchase/SH202400133801
Tender Date :	27-12-2024
Tender Classification:	GOODS
Purchase Entity :	SOSE Purchase
Centre :	SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA (SDSC SHAR)

Supply of CS & SS Manual Butterfly, Ball Valves and Electro Pneumatic Valves for Foam system at ASLP facilities

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 note that 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.

Note: PLEASE NOTE THAT THE OFFERS SUBMITTED CONTRACTORY TO ABOVE INSTRUCTIONS WILL BE LIABLE FOR REJECTION. PLEASE ENSURE OFFERS ARE SUBMITTED WITHIN THE DUE DATE

A.1 Tender Schedule

Bid Submission Start Date : **27-12-2024 17:30**

Bid Clarification Due Date : **10-01-2025 17:30**

Bid Submission Due Date : **23-01-2025 16:00**

Bid Opening Date : **24-01-2025 14:30**

Price Bid Opening Date : **07-02-2025 17:00**

B. Tender Attachments

Technical Write-up/Drawings

Document : Specifications for Supply of CS & SS valves for foam Systems-ASLP

C. Bid Templates

C.1 Technical Bid - Supply of CS & SS Manual Butterfly, Ball Valves and Electro Pneumatic Valves for Foam system at ASLP facilities

- 1. Ball Valves Supply of SS flanged Manual ball valve & Spares kit of size 150 NB as per the enclosed specification**

- 2. Ball Valves Supply of SS flanged Manual ball valve & Spares kit of size 100 NB as per the enclosed specification**

- 3. Ball Valves Supply of SS flanged Manual ball valve & Spares kit of size 80 NB as per the enclosed specification**

- 4. Ball Valves Supply of SS flanged Manual ball valve & Spares kit of size 50 NB as per the enclosed specification**

- 5. Ball Valves Ball Valves :Supply of SS flanged Manual ball valve & Spares kit of size 40 NB as per the enclosed specification**

- 6. Ball Valves Supply of SS flanged Manual ball valve & Spares kit of size 25 NB as per the enclosed specification**

- 7. Ball Valves Supply of SS flanged Manual ball valve & Spares kit of size 15 NB as per the enclosed specification**

- 8. Ball Valves Supply of SS socket welded Manual ball valve & Spares kit of size 25 NB as per the enclosed specification**

- 9. Ball Valves Supply of SS socket welded Manual ball valve & Spares kit of size 15 NB as per the enclosed specification**

- 10. Ball Valves Supply of NPT threaded Manual ball valve & Spares kit of size 25 NB as per the enclosed specification**

- 11. Ball Valves Supply of NPT threaded Manual ball valve & Spares kit of size 15 NB as per the enclosed specification**

- 12. Electro Pneumatic Valve Supply of SS electro pneumatic ball valve of size 80 NB as per the enclosed specification**

- 13. Electro Pneumatic Valve Supply of SS electro pneumatic ball valve of size 50 NB as per the enclosed specification**

- 14. Electro Pneumatic Valve Supply of SS electro pneumatic ball valve of size 40 NB as per the enclosed specification**

- 15. Electro Pneumatic Valve Supply of SS electro pneumatic ball valve of size 25 NB as per the enclosed specification**

- 16. Electro Pneumatic Valve Supply of SS electro pneumatic ball valve spares of size 80 NB as per the enclosed specification**

- 17. Electro Pneumatic Valve Supply of SS electro pneumatic ball valve spares of size 50 NB as per the enclosed specification**

- 18. Electro Pneumatic Valve Supply of SS electro pneumatic ball valve spares of size 40 NB as per the enclosed specification**

- 19. Electro Pneumatic Valve Supply of SS electro pneumatic ball valve spares of size 25 NB as per the enclosed specification**

- 20. BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve of size 100 NB**

as per the enclosed specification

21. BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve of size 150 NB as per the enclosed specification

22. BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve of size 200 NB as per the enclosed specification

23. BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve of size 300 NB as per the enclosed specification

24. BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve soft spares kit of size 100 NB as per the enclosed specification

25. BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve soft spares kit of size 150 NB as per the enclosed specification

26. BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve soft spares kit of size 200 NB as per the enclosed specification

27. BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve soft spares kit of size 300 NB as per the enclosed specification

28. BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve Actuator spares kit of size 100 NB as per the enclosed specification

29. BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve Actuator spares kit of size 150 NB as per the enclosed specification

30. BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve Actuator spares kit of size 200 NB as per the enclosed specification

31. BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve Actuator spares kit of size 300 NB as per the enclosed specification

- 32. Ball Valves Supply of CS flanged manual ball valves of size 40 NB as per the enclosed specification**
- 33. Ball Valves Supply of CS flanged manual ball valves of size 25 NB as per the enclosed specification**
- 34. Ball Valves Supply of CS flanged manual ball valves of size 15 NB as per the enclosed specification**
- 35. Ball Valves Supply of CS socket welded manual ball valves of size 25 NB as per the enclosed specification**
- 36. Ball Valves Supply of CS socket welded manual ball valves of size 15 NB as per the enclosed specification**
- 37. Ball Valves Supply of CS NPT threaded manual ball valves of size 25 NB as per the enclosed specification**
- 38. Ball Valves Supply of CS NPT threaded manual ball valves of size 15 NB as per the enclosed specification**
- 39. Ball Valves Supply of CS flanged manual ball valve spares of size 40 NB as per the enclosed specification**
- 40. Ball Valves Supply of CS flanged manual ball valve spares of size 25 NB as per the enclosed specification**
- 41. Ball Valves Supply of CS flanged manual ball valve spares of size 15 NB as per the enclosed specification**
- 42. Ball Valves Supply of CS socket welded manual ball valve spares of size 25 NB as per the enclosed specification**
- 43. Ball Valves Supply of CS socket welded manual ball valve spares of size 15 NB as per the**

enclosed specification

44. Ball Valves Supply of CS NPT threaded manual ball valve spares of size 25 NB as per the enclosed specification

45. Ball Valves Supply of CS NPT threaded manual ball valve spares of size 15 NB as per the enclosed specification

46. BUTTERFLY VALVE Supply of manual butterfly valve of size 200 NB as per the enclosed specification

47. BUTTERFLY VALVE Supply of manual butterfly valve of size 150 NB as per the enclosed specification

48. BUTTERFLY VALVE Supply of manual butterfly valve of size 100 NB as per the enclosed specification

49. BUTTERFLY VALVE Supply of manual butterfly valve of size 80 NB as per the enclosed specification

50. BUTTERFLY VALVE Supply of manual butterfly valve of size 50 NB as per the enclosed specification

51. BUTTERFLY VALVE Supply of manual butterfly valve spare gear units of size 200 NB as per the enclosed specification

52. BUTTERFLY VALVE Supply of manual butterfly valve spare gear units of size 150 NB as per the enclosed specification

Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	Confirmation of SS Socket weld/Threaded type Manual Ball Valve as per the enclosed specification and Fill, Sign & submission of format-1 as per Section-B	Yes/No	Yes / No / Explain		
2	Confirmation of SS Flanged type Manual Ball Valve as per the enclosed specification and Fill, Sign & submission of format-2 as per Section-B	Yes/No	Yes / No / Explain		
3	Confirmation of SS EP Ball Valves as per the enclosed specification and Fill, Sign & submission of format-3 as per Section-B	Yes/No	Yes / No / Explain		
4	Confirmation of Carbon Steel EP Butterfly Valve as per the enclosed specification and Fill, Sign & submission of format-4 as per Section-B	Yes/No	Yes / No / Explain		
5	Confirmation of C.S Socket weld/ Threaded-NPT(Female) type Ball valves as per the enclosed specification and Fill, Sign & submission of format-5 as per Section-B	Yes/No	Yes / No / Explain		

6	Confirmation of C.S Flanged type Ball valves as per the enclosed specification and Fill,Sign & submission of format-6 as per Section-B	Yes/No	Yes / No / Explain		
7	Confirmation of Manual wafer type Butterfly valves as per the enclosed specification and Fill,Sign & submission of format-7 as per Section-B	Yes/No	Yes / No / Explain		
8	Checklist to be filled and submitted by the supplier as per the enclosed specification and Fill,Sign & submission of format-8 as per Section-B	Yes/No	Yes / No / Explain		
9	Techno-commercial bid Checklist to be filled and submitted by the supplier as per the enclosed specification and Fill,Sign & submission of format-9 as per Section-B	Yes/No	Yes / No / Explain		
10	Bidder Minimum Qualification Criteria to be filled and submitted by the supplier as per the enclosed specification and Fill,Sign & submission of format-10 as per Section-B	Yes/No	Yes / No / Explain		

11	Evaluation Criteria to be filled and submitted by the supplier as per the enclosed specification and Fill, Sign & submission of format-11 as per Section-B	Yes/No	Yes / No / Explain		
12	Price Bid format to be filled and submitted by the supplier as per the enclosed specification and Fill, Sign & submission of format-12 as per Section-B	Yes/No	Yes / No / Explain		

Supporting Documents required from Vendor

- 1. supplier shall fill, sign & stamped on all formats as per the Section-B of the specifications**
- 2. Data sheets & General assembly drawings shall be provided.**
- 3. supporting documents shall be provided as per Format 10 & Format-11 of section B in the specifications**
- 4. Supplier shall Duly Signed & stamped on the specifications**

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	The items shall be dispatched only after inspection of the valves completed by the purchaser's inspection engineers at works and after dispatch clearance given by the purchaser.	Yes / No / Explain	
2	The supplier has to inform the purchaser, the readiness of the materials for inspection well in advance for arranging the purchaser's representative for inspection at works.	Yes / No / Explain	
3	The supplier shall ensure that QAP is strictly followed in all stages of manufacturing, Testing & Inspection.	Yes / No / Explain	
4	Inspection of Valves shall be carried out by the Purchaser prior to dispatch at Manufacturers site as per approved QAP.	Yes / No / Explain	
5	The supplier shall guarantee that the valves supplied shall be exactly as per the approved drawing in all aspects.	Yes / No / Explain	
6	The sectional drawings with material of construction of all parts and QAP (Quality Assurance Plan) shall be sent to purchaser for approval before commencing production.	Yes / No / Explain	
7	Detailed QAP shall be submitted by the party after placement of order. Quality Assurance Plan mutually agreed by successful bidder and purchaser shall be complied. Party shall confirm the broad guidelines mentioned in the technical specification document.	Yes / No / Explain	
8	Compliance statement to the technical specification given is to be duly signed & stamped and submitted as a part of acceptance.	Yes / No / Explain	
9	Supplier shall submit all the formats of Section-B duly filled & signed along with the offer.	Yes / No / Explain	
10	Bids meeting minimum qualification criteria as per the Format-10 of Section-B only will be considered for evaluation.	Yes / No / Explain	
11	Bids will be evaluated as per the Format-11 in Section-B.	Yes / No / Explain	

12	The Bidder shall quote item wise units and unit price and total units and total price of items to be supplied under this specification.	Yes / No / Explain	
13	Transportation & Transit Insurance are fully in the scope of supplier and the same shall be borne by the party.	Yes / No / Explain	
14	If deviations are not listed separately, it will be presumed that the bidder is adhering to all the technical specifications and commercial terms & conditions given in this document	Yes / No / Explain	
15	Deviations, if any, w.r.t technical and commercial terms & conditions shall be clearly brought out and deviation list to be added.	Yes / No / Explain	
16	Compliance statement to the technical specification given is to be duly signed & stamped and submitted as a part of acceptance.	Yes / No / Explain	
17	Bidder shall clearly indicate the deviations taken from the Tender documents/specifications separately in his offer.	Yes / No / Explain	
18	Materials used for fabrication shall be new and the best of their kind and shall comply with the latest revisions of all relevant standards.	Yes / No / Explain	
19	All material, dimensional standards, tolerances, process of fabrication and testing procedures shall be in accordance with the latest revision of the standard codes specified in this Tendering Specification.	Yes / No / Explain	
20	The items covered in this specification shall conform to the technical specification, general requirements and relevant latest standards / codes in respect of dimensions, size, material, manufacture, inspection, testing etc. as applicable.	Yes / No / Explain	
21	No claim on account of the same and for any ambiguity in any respect will be entertained after placement of order by Purchaser.	Yes / No / Explain	
22	Any changes or difficulties which might be encountered during the execution of supply or any other problems due to local conditions which are not anticipated / included in the tender document shall fall under full obligations of the successful Bidder.	Yes / No / Explain	

23	The Bidder shall satisfy the department that he possesses the necessary technical experience for the items to be supplied. Necessary particulars in this regard shall be furnished with the offer.	Yes / No / Explain	
24	The Bidder shall study the specification. This technical specification is only guidance to the bidder	Yes / No / Explain	
25	Delivery of Valves: Supplier has to complete the manufacturing, assembly, testing of EP valves and deliver to SDSC-SHAR within 7 months from the date of release of Purchase order	Yes / No / Explain	
26	Supplier shall give confirmation for acceptance of part order	Yes / No / Explain	
27	Final Inspection / clearance report, Final Datasheets & drawings, Test Reports, Operational and Maintenance manual, Material Test certificates of wetted parts, Part list and spares list	Yes / No / Explain	
28	At the time of dispatch of items, 3 sets of production master files comprising the following shall be supplied,	Yes / No / Explain	
29	Dispatch clearance will be provided by the purchaser, upon review of the Test Documents	Yes / No / Explain	
30	Complete Test documentation as specified in QAP	Yes / No / Explain	
31	Test reports of bought out items like actuators, limit switches and any other components etc	Yes / No / Explain	
32	Prior to dispatch of the items, Supplier shall forward the below referred documentations in confirmation with approved QAP to the purchaser , Data sheets & Drawings of the Valve along with Actuator, Accessories & Pneumatic circuit diagrams.	Yes / No / Explain	
33	Delivery Term: Please quote your rates on FOR- SDSC SHAR, Sriharikota basis including P&F & freight charges. If you quote YES or ACCEPTED or NOTED or AS PER TENDER SPECIFICATIONS, it means your prices are FOR- Sriharikota basis including P&F and FREIGHT charges. Even if you quote P&F and FREIGHT charges are extra in price bid or at any other place, this only holds good.	Yes / No / Explain	

34	In case of Specific Brand items, Please provide Authorization certificate from OEM.	Yes / No / Explain	
35	<p>Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1 plus 15% (Selected by Buyer) of margin of purchase preference/price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total QUANTITY.</p> <p>Clearly specify whether you are eligible for MSE Preference. If YES, supporting documents shall be uploaded.</p>	Yes / No / Explain	
36	Delivery Period: Within 07 months from the date of receipt of PO. Detailed Delivery schedule as per Tender specifications.	Yes / No / Explain	
37	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 supply/ scope of work.	Yes / No / Explain	
38	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	

39	<p>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. [The said percentage reconsideration shall be based on guidelines issued by Govt. of India, from time to time]</p>	Yes / No / Explain	
40	<p>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. [The said percentage reconsideration shall be based on guidelines issued by Govt. of India, from time to time]</p>	Yes / No / Explain	
41	<p>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. [The said percentage reconsideration shall be based on guidelines issued by Govt. of India, from time to time]</p>	Yes / No / Explain	
42	<p>Payment Term :- Our standard payment terms will be 100% on pro-rata within 30 days after receipt and acceptance of the items at our site</p>	Yes / No / Explain	

43	<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> <p>You are requested to provide Self Declaration Certificate that the offered Item meets Local Content Requirement of Class 1 or Class 2 as per Make in India(MII) Policy, clearly indicating the Percentage of local content & the details of Location(s) at which value addition is made in the offered product.</p> <p>It may be noted that Local Content shall not include services such as Transportation, Insurance, Installation, Commissioning, Training and after sales service support like AMC/CMC etc.</p>	Yes / No / Explain	
44	Please provide valid/currently using E-mail Id & Contact no. for seeking further clarifications if any	Yes / No / Explain	
45	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	

46	<p>Taxes: PLEASE CLICK YES, IF TAX/GST IS EXTRA TO YOUR PRICE, THEN ONLY PUT THE TAX/GST RATE IN TAX COLUMN IN PRICE BID. ALSO MENTION GST EXTRA IN REMARKS COLUMN IN PRICE BID. PLEASE CLICK NO, IF YOUR PRICES ARE INCLUSIVE OF GST, IN GST COLUMN PUT 0 (ZERO) IN PRICE BID . ALSO, MENTION GST IS INCLUDED IN PRICE IN RAMARKS COLUMN. (HSN/SAC CODE SHALL BE INDICATED FOR EACH ITEM AND ACCORDINGLY MENTION THE GST RATE APPLICABLE AS PER PREVAILING GUIDELINES.) AS PER THE GST NOTIFICATION NO.7/2018-INTEGRATED TAX (RATE) DT 25.01.2018 (A) IN SCHEDULE I - 5% (IX) S.NO. 243 (A) AS AMENDED BY NOTIFICATION NO. 25/2018-INTEGRATED TAX (RATE) DT 31.12.2018 (B) IN SCHEDULE I - 5% - (VIII) ISSUED BY MINISTRY OF FINANCE (DEPT.OF REVENUE), FOR RAW MATERIALS, SPARES, TOOLS AND CONSUMABLES ETC., REQUIRED FOR LAUNCH VEHICLES APPLICABLE GST IS 5%. NO CERTIFICATE IS REQUIRED TO BE ISSUED BY SDSC SHAR. GST No. for SHAR- GSTIN: 37AAAGS1366J1Z1</p>	Yes / No / Explain	
47	Remarks / Deviations if any	Yes / No / Explain	
48	PART ORDER: We reserve the right to place part order based on item wise L1 offer, if required. Please confirm acceptance for part order.	Yes / No / Explain	
49	Do you have Unique GeM Seller ID? If YES, provide details If NO, As per Office Memorandum No 6/9/2020-PPD dated 24/08/2020 of Department of Expenditure, it shall be mandatory for sellers providing Goods and Services to Central Government Organizations to be registered on GeM and obtain a Unique GeM Seller ID, at the time of Placement of Order/acceptance of contract. Tenderers shall ensure the same.	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	Ball Valves Supply of SS flanged Manual ball valve & Spares kit of size 150 NB as per the enclosed specification	3.00 Nos.		-		
2	Ball Valves Supply of SS flanged Manual ball valve & Spares kit of size 100 NB as per the enclosed specification	8.00 Nos.		-		
3	Ball Valves Supply of SS flanged Manual ball valve & Spares kit of size 80 NB as per the enclosed specification	10.00 Nos.		-		
4	Ball Valves Supply of SS flanged Manual ball valve & Spares kit of size 50 NB as per the enclosed specification	15.00 Nos.		-		
5	Ball Valves Ball Valves :Supply of SS flanged Manual ball valve & Spares kit of size 40 NB as per the enclosed specification	10.00 Nos.		-		

6	Ball Valves Supply of SS flanged Manual ball valve & Spares kit of size 25 NB as per the enclosed specification	25.00 Nos.					
7	Ball Valves Supply of SS flanged Manual ball valve & Spares kit of size 15 NB as per the enclosed specification	60.00 Nos.					
8	Ball Valves Supply of SS socket welded Manual ball valve & Spares kit of size 25 NB as per the enclosed specification	20.00 Nos.					
9	Ball Valves Supply of SS socket welded Manual ball valve & Spares kit of size 15 NB as per the enclosed specification	25.00 Nos.					
10	Ball Valves Supply of NPT threaded Manual ball valve & Spares kit of size 25 NB as per the enclosed specification	20.00 Nos.					

11	Ball Valves Supply of NPT threaded Manual ball valve & Spares kit of size 15 NB as per the enclosed specification	45.00 Nos.		-		
12	Electro Pneumatic Valve Supply of SS electro pneumatic ball valve of size 80 NB as per the enclosed specification	3.00 Nos.		-		
13	Electro Pneumatic Valve Supply of SS electro pneumatic ball valve of size 50 NB as per the enclosed specification	15.00 Nos.		-		
14	Electro Pneumatic Valve Supply of SS electro pneumatic ball valve of size 40 NB as per the enclosed specification	4.00 Nos.		-		
15	Electro Pneumatic Valve Supply of SS electro pneumatic ball valve of size 25 NB as per the enclosed specification	8.00 Nos.		-		
16	Electro Pneumatic Valve Supply of SS electro pneumatic ball valve spares of size 80 NB as per the enclosed specification	2.00 Sets		-		

17	Electro Pneumatic Valve Supply of SS electro pneumatic ball valve spares of size 50 NB as per the enclosed specification	2.00 Sets		-		
18	Electro Pneumatic Valve Supply of SS electro pneumatic ball valve spares of size 40 NB as per the enclosed specification	2.00 Sets		-		
19	Electro Pneumatic Valve Supply of SS electro pneumatic ball valve spares of size 25 NB as per the enclosed specification	2.00 Sets		-		
20	BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve of size 100 NB as per the enclosed specification	10.00 Nos.		-		
21	BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve of size 150 NB as per the enclosed specification	3.00 Nos.		-		

22	BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve of size 200 NB as per the enclosed specification	7.00 Nos.					
23	BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve of size 300 NB as per the enclosed specification	2.00 Nos.					
24	BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve soft spares kit of size 100 NB as per the enclosed specification	2.00 Sets					
25	BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve soft spares kit of size 150 NB as per the enclosed specification	2.00 Sets					
26	BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve soft spares kit of size 200 NB as per the enclosed specification	2.00 Sets					

27	BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve soft spares kit of size 300 NB as per the enclosed specification	2.00 Sets		-		
28	BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve Actuator spares kit of size 100 NB as per the enclosed specification	2.00 Sets		-		
29	BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve Actuator spares kit of size 150 NB as per the enclosed specification	2.00 Sets		-		
30	BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve Actuator spares kit of size 200 NB as per the enclosed specification	2.00 Sets		-		

31	BUTTERFLY VALVE Supply of electro pneumatic wafer type butterfly valve Actuator spares kit of size 300 NB as per the enclosed specification	2.00 Sets					-
32	Ball Valves Supply of CS flanged manual ball valves of size 40 NB as per the enclosed specification	5.00 Nos.					-
33	Ball Valves Supply of CS flanged manual ball valves of size 25 NB as per the enclosed specification	10.00 Nos.					-
34	Ball Valves Supply of CS flanged manual ball valves of size 15 NB as per the enclosed specification	10.00 Nos.					-
35	Ball Valves Supply of CS socket welded manual ball valves of size 25 NB as per the enclosed specification	20.00 Nos.					-
36	Ball Valves Supply of CS socket welded manual ball valves of size 15 NB as per the enclosed specification	20.00 Nos.					-

37	Ball Valves Supply of CS NPT threaded manual ball valves of size 25 NB as per the enclosed specification	25.00 Nos.		-		
38	Ball Valves Supply of CS NPT threaded manual ball valves of size 15 NB as per the enclosed specification	45.00 Nos.		-		
39	Ball Valves Supply of CS flanged manual ball valve spares of size 40 NB as per the enclosed specification	2.00 Sets		-		
40	Ball Valves Supply of CS flanged manual ball valve spares of size 25 NB as per the enclosed specification	2.00 Sets		-		
41	Ball Valves Supply of CS flanged manual ball valve spares of size 15 NB as per the enclosed specification	2.00 Sets		-		
42	Ball Valves Supply of CS socket welded manual ball valve spares of size 25 NB as per the enclosed specification	4.00 Sets		-		

43	Ball Valves Supply of CS socket welded manual ball valve spares of size 15 NB as per the enclosed specification	4.00 Sets		-		
44	Ball Valves Supply of CS NPT threaded manual ball valve spares of size 25 NB as per the enclosed specification	4.00 Sets		-		
45	Ball Valves Supply of CS NPT threaded manual ball valve spares of size 15 NB as per the enclosed specification	5.00 Sets		-		
46	BUTTERFLY VALVE Supply of manual butterfly valve of size 200 NB as per the enclosed specification	16.00 Nos.		-		
47	BUTTERFLY VALVE Supply of manual butterfly valve of size 150 NB as per the enclosed specification	8.00 Nos.		-		
48	BUTTERFLY VALVE Supply of manual butterfly valve of size 100 NB as per the enclosed specification	12.00 Nos.		-		

49	BUTTERFLY VALVE Supply of manual butterfly valve of size 80 NB as per the enclosed specification	10.00 Nos.		-		
50	BUTTERFLY VALVE Supply of manual butterfly valve of size 50 NB as per the enclosed specification	10.00 Nos.		-		
51	BUTTERFLY VALVE Supply of manual butterfly valve spare gear units of size 200 NB as per the enclosed specification	2.00 Sets		-		
52	BUTTERFLY VALVE Supply of manual butterfly valve spare gear units of size 150 NB as per the enclosed specification	2.00 Sets		-		

Common charges (Applicable for all items)

Additional Charges, if any (P&F, Freight etc.)	
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