

مشخصات فنی مناقصه عمومی یک مرحله‌ای
"خرید اقلام لوله و اتصالات"



مشخصات فنی و اطلاعات تکمیلی

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جدول الف) اقلامی که با توجه به ساخت در داخل کشور حتما باید از اقلام ساخت داخل کشور تامین شوند.

Row	Tag ID.	Size	No. or Meter	Origin Country
1	BALL VALVE, MSS SP-80, THRD ENDS, 150#, FULL PORT, ASTM B62	2"	15	Iran
2	CAP, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	3"	4	Iran
3	CHECK VALVE, SWING TYPE, BS 1868/ANSI B16.5, FLANGED ENDS, 300#, RF(125Ra-250Ra), A216 WCB	1 1/2"	4	Iran
4	CHECK VALVE, SWING TYPE, BS 5352/ANSI B16.11, THRD ENDS, 150#, ASTM B62	2"	1	Iran
5	BELLOWS SINGELE ANDER 150# ('EXPANTION JONIT) RF rubber type	2"	8	Iran
6	BELLOWS SINGELE ANDER 150# ('EXPANTION JONIT) RF rubber type	1 1/4"	3	Iran
7	BELLOWS SINGELE ANDER 150# ('EXPANTION JONIT) RF rubber type	3"	2	Iran
8	FLANGE, BLIND, ANSI B16.5, 150#, RF(125Ra-250Ra), A105	2"	2	Iran
9	FLANGE, THREADED, ANSI B16.5, 150#, RF(125Ra-250Ra), A105 GALVANIZED A120	2"	15	Iran
10	FORGED REDUCING TEE, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A105	1 1/2"x1"	10	Iran
11	FORGED REDUCING TEE, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A105	1 1/2"x1/2"	29	Iran
12	GLOBE VALVE, BS 5352/ANSI B16.11, SOCKET WELDING ENDS, 800#, A105	1/2"	20	Iran
13	REDUCER, CONCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	4"x3"	5	Iran
14	REDUCER, ECCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	4"x2"	2	Iran
15	SPECTACLE BLIND, 300#, 125Ra-250Ra, A516 70	1 1/2"	1	Iran
16	STEAM TRAP WITH STRAINER, SOCKET WELDING ENDS, 800#, A105	1/2"	25	Iran
17	SWAGE, CONCENTRIC, MSS SP-95, SCH 80, A106 B	1 1/2"x1/2"	6	Iran
18	TEE, REDUCING, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	6"x4"	5	Iran
19	CONCENTRIC REDUCER BW SCH 40 A234 GR.WPB ASME B16.9 SMLS	10*8	3	Iran
20	CONCENTRIC REDUCER BW SCH 40 A234 GR.WPB ASME B16.9 SMLS	8"x6"	2	Iran
21	CONCENTRIC REDUCER BW SCH 40 A234 GR.WPB ASME B16.9 SMLS	3 * 2 1/2	2	Iran
22	SWAGE NIPPLE CONCENTRIC PLAIN ENDS SCH 80 ASTM A106 Gr.B MSS SP-95	2"x1"	2	Iran
23	SWAGE NIPPLE ECCENTRIC PLAIN ENDS SCH 80 ASTM A106 Gr.B MSS SP-95	1 1/2 * 1	5	Iran
24	CHECK VALVE WAFER &, SWING TYPE, ANSI B16.5, 150#, RF, A216 WCB	4"	2	Iran

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25	FLANGE BLIND 150# RF/SRF ASTM A105 ANSI B16.5 FRGD	8"	3	Iran
26	FLANGE BLIND 150# RF/SRF ASTM A105 ANSI B16.5 FRGD	3/4"	2	Iran
27	FLANGE BLIND 150# RF/SRF ASTM A105 ANSI B16.5 FRGD	1 1/2"	9	Iran
28	FLANGE BLIND 150# RF/SRF ASTM A105 ANSI B16.5 FRGD	3"	3	Iran
29	FLANGE BLIND 300# RF/SRF ASTM A105 ANSI B16.5 FRGD	1 1/2"	2	Iran
30	FLANGE SW 150# RF/SRF ASTM A105 ANSI B16.5 FRGD	1/2"	50	Iran
31	CHECK VALVE 150# FLGD RF/SRF Carbon Steel + Stellite, Body - bonnet: ASTM A 216 gr. WCB, Disc: ASTM A 1 ANSI BS 1868	1"	3	Iran
32	CHECK VALVE 300# FLGD RF/SRF Carbon Steel, Body-Bonnet: ASTM A 216 gr.WCB, Disc: ASTM A 182 gr.F 6 A BS 1868	1/2"	5	Iran
33	CHECK VALVE 300# FLGD RF/SRF Carbon Steel, Body-Bonnet: ASTM A 216 gr.WCB, Disc: ASTM A 182 gr.F 6 A BS 1868	1"	3	Iran
34	GATE VALVE 300# FLGD RF/SRF Carbon Steel, Body - bonnet: ASTM A 216 gr. WCB, Disc: ASTM A 105 ANSI B16.10 & API 600	1 1/2"	2	Iran
35	FLANGE, WELDING NECK, ANSI B16.5, 150#, RF(125Ra-250Ra), SCH40, A105	2 1/2"	4	Iran
36	REDUCER, CONCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	4"x2"	5	Iran
37	REDUCER, ECCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 80, A234 WPB, SMLS	4*1 1/2"	5	Iran
38	REDUCING TEE BW A234 GR.WPB ASME B16.9 SMLS SCH 40	3" * 1 1/2"	2	Iran
39	REDUCING TEE BW A234 GR.WPB ASME B16.9 SMLS SCH 40	2" * 1 1/2"	9	Iran
40	REDUCING TEE BW A234 GR.WPB ASME B16.9 SMLS SCH 40	2 1/2" * 1 1/2"	2	Iran
41	GLOBE VALVE 800# SW Carbon Steel + Satellite, Body -bonnet & Bushing & Flange: ASTM A105 BS 5352	3/4"	5	Iran
42	FLANGE WN 300# RF/SRF SCH 40 ASTM A105 ANSI B16.5 FRGD	3"	7	Iran
43	ELBOW 90 SW 3000# A105 ASME B16.11 FRGD	1 1/2"	80	Iran
44	ECCENTRIC REDUCER BW SCH 40 A234 GR.WPB ASME B16.9 SMLS	4" * 2 1/2"	4	Iran

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جدول ب) سایر اقلام.

Row	Tag ID.	Size	No. or Meter
1	90 ELBOW LR, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	8"	13
2	90 ELBOW LR, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	2"	20
3	90 ELBOW LR, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	6"	4
4	BALL VALVE, BS 5351, FLANGED ENDS, 600#, RF(125Ra-250Ra), FULL PORT, A351 CF8M	1/2"	15
5	'BALL VALVE, BS 5351, FLANGED ENDS,300#, RF(125Ra-250Ra), REDUCED PORT, A216 WCB	1 1/2"	19
6	BALL VALVE, BS 5351, FLANGED ENDS, SHORT PATTERN, 300#, RF(125Ra-250Ra), REDUCED PORT, A351 CF8M	2"	10
7	CAP, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	6"	2
8	CAP, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	3"	2
9	FLANGE, BLIND, ANSI B16.5, 150#, RF(125Ra-250Ra), A182 F304	2"	7
10	FLANGE, WELDING NECK, ANSI B16.5, 300#, RF(125Ra-250Ra), SCH40S, A182 F304	2"	55
11	FLANGE, WELDING NECK, ANSI B16.5, 150#, RF(125Ra-250Ra), SCH10S, A182 F304	6"	4
12	FLANGE, WELDING NECK, ANSI B16.5, 300#, RF(125Ra-250Ra), SCH40S, A182 F304	6"	10
13	FLANGE, SOCKET WELDING, ANSI B16.5 FFORGED. 900#, RF A182 F304	1 1/2"	5
14	FLANGE, SOCKET WELDING, ANSI B16.5 FFORGED. 900#, RF A182 F304	1"	20
15	FLANGE, SOCKET WELDING, ANSI B16.5 FFORGED. 900#, RF A182 F304	1/2"	5
16	FLANGE, WELDING NECK, ANSI B16.5, 600#, RF(125Ra-250Ra), SCH40S, A182 F304	2"	8
17	PIPE, ANSI B36.19, BEVELED ENDS, SCH 40S, SMLS, A312 TP304	2"	180
18	PIPE, ANSI B36.19, BEVELED ENDS, SCH10S, SMLS, A312 TP304	3"	24
19	PIPE, ANSI B36.19, BEVELED ENDS, SCH 40S, SMLS, A312 TP304	8"	24
20	PIPE, ANSI B36.19, PLAIN ENDS, SCH 40S, SMLS, A312 TP304	1"	1000
21	PIPE, ANSI B36.19, PLAIN ENDS, SCH 80S, SMLS, A312 TP304	1"	150
22	PIPE, ANSI B36.19, PLAIN ENDS, SCH 80S, SMLS, A312 TP304	1/2"	102
23	PIPE, ANSI B36.19, PLAIN ENDS, SCH 80S, SMLS, A312 TP304	1 1/2"	60
24	PIPE, ANSI B36.19, BEVELED ENDS, SCH 10S, SMLS, A312 TP304	6"	30
25	REDUCER, CONCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	4"x3"	5
26	REDUCER, CONCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	8"x6"	1
27	REDUCER, CONCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	4"x2"	2
28	TEE, REDUCING, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	4"x2"	20
29	SWAGE, CONCENTRIC, MSS SP-95, SCH 80S, A312 TP304	1 1/2"x1/2"	5

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30	SWAGE, ECCENTRIC, MSS SP-95, SCH 80S, A312 TP304	1 1/2"x1"	4
31	REDUCER, ECCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	3"x2"	2
32	'TEE, REDUCING, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	3"x2"	3
33	CONCENTRIC REDUCER BW SCH 40S A403 GR.WP304 ANSI B16.9 SMLS	4 * 1 1/2"	5
34	ECCENTRIC REDUCER BW SCH 40S A403 GR.WP304 ANSI B16.9 SMLS	4 * 2	5
35	ECCENTRIC REDUCER BW SCH 40S A403 GR.WP304 ANSI B16.9 SMLS	6" * 5"	1
36	SWAGE NIPPLE CONCENTRIC A312 GR.TP304 MNFSTD FRGD SCH 80S	2"x1"	4
37	SWAGE NIPPLE CONCENTRIC SCH 80S SW ASTM A312 gr.TP304 ANSI B16.11 FRGD	1 1/2*3/4	2
38	REDUCING TEE BW A403 GR.WP304 ASME B16.9 SMLS SCH 40S	1" * 1/2"	5
39	REDUCING TEE BW A403 GR.WP304 ASME B16.9 SMLS SCH 40S	1 1/2"x1/2"	5
40	REDUCING TEE BW A403 GR.WP304 ASME B16.9 SMLS SCH 40S	1 1/2" * 1"	2
41	STRAIGHT LATERAL TEE BW 45DEG A403 GR.WP304 ASME B16.9 SMLS SCH 40S	1"	4
42	STRAIGHT LATERAL TEE BW 45DEG A403 GR.WP304 ASME B16.9 SMLS SCH 40S	2"	11
43	STRAIGHT LATERAL TEE BW 45DEG A403 GR.WP304 ASME B16.9 SMLS SCH 40S	3"	2
44	FLANGE BLIND 150# RF/SF ASTM A182 gr.F304 ANSI B16.5 FRGD	4"	8
45	FLANGE BLIND 150# RF/SF ASTM A182 gr.F304 ANSI B16.5 FRGD	3"	2
46	FLANGE BLIND 300# RF/SF ASME A182 GR.F304 B16.5 FRGD	1"	6
47	FLANGE BLIND 600# RF/SF ASTM A182 gr.F304 ANSI B16.5 FRGD	1"	2
48	FLANGE WN 300# RF/SRF SCH40S A182 GR.F304 ASME B16.5 FRGD	4"	6
49	FLANGE WN 300# RF/SRF SCH40S A182 GR.F304 ASME B16.5 FRGD	5"	2
50	FLANGE WN 300# RF/SRF SCH40S A182 GR.F304 ASME B16.5 FRGD	10"	3
51	FLANGE WN 300# RF/SRF SCH40S A182 GR.F304 ASME B16.5 FRGD	8"	10
52	BUTTERFLY VALVE 150# RF RF/SF FLGD A 351-CF8 2-304 BB A193-B8 CII/8A	4"	4
53	CHECK VALVE 150# FLGD RF/SRF Stainless Steel: Body-Bonnet: ASTM A351 gr.CF 8 BS1868, ISO 5752	1"	4
54	GATE VALVE 600# FLGD RF/SF Stainless Steel, Body -bonnet: ASTM A 351 gr.CF 8, Disc: ASTM A 182 gr.F 304 & API 600	1/2"	8
55	JACKET ENDING& BREAKING RING ASTM A182 gr. F 304	1 1/2"x1/2"	9
56	JACKET ENDING& BREAKING RING ASTM A182 gr. F 304	4"x3"	5
57	STRAINER Y-TYPE 300# RF/SRF MNFSTD Body - bonnet: ASTM A 182 gr.F 304 or ASTM A 351 gr.CF 8, Filter: S.S.	1/2"	4
58	BALL VALVE, BS 5351, FLANGED ENDS, SHORT PATTERN, 150#, RF(125Ra-250Ra), FULL PORT, A351 CF8M	1"	5
59	CHECK VALVE, SWING TYPE, BS 1868/ANSI B16.5, FLANGED ENDS, 300#, RF(125Ra-250Ra), A351 CF8	1/2"	10
60	FLANGE, WELDING NECK, ANSI B16.5, 150#, RF(125Ra-250Ra), SCH10S, A182 F304	4"	5

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61	FLANGE, WELDING NECK, ANSI B16.5, 150#, RF(125Ra-250Ra), SCH10S, A182 F304	5"	5
62	REDUCER, CONCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	2"x1"	12
63	VERTICAL BALL CHECK VALVE 600# FLGD RF/SF Stainless Steel, Body -bonnet:ASTM A 351 gr.CF 8, Disc:ASTM A 182 gr.F 304	1 1/2"	2
64	SWAGE NIPPLE ECCENTRIC SCH 80S SW ASTM A312 gr.TP304 ANSI B16.11 FRGD	1 1/2" *1/2"	3
65	HALFE COUPLING SW 3000# A182 GR.F304 ASME B16.11 FRGD	1"	80
66	REDUCING TEE BW A403 GR.WP304 ASME B16.9 SMLS SCH 10S	5"*2"	2
67	REDUCING TEE BW A403 GR.WP304 ASME B16.9 SMLS SCH 10S	3" * 2"	5
68	HORIZONTAL BALL CHECK VALVE 600# FLGD RF/SF Stainless Steel,Body -bonnet:ASTM A351 gr.CF 8, Disc:ASTM A182 gr.F 304	1"	4
69	GLOBE VALVE 800# SW Stainless Steel 304, Body -bonnet & Disc & Disk seal & Body seat ring & STEM & Bushing & Flange BS 5352	1"	3
70	FLANGE WN 300# RF/SRF SCH 10S A182 GR.F304 ASME B16.5 FRGD	2"	3
71	FLANGE WN 150# RF/SRF SCH40S A182 GR.F304 ASME B16.5 FRGD	3"	3
72	FLANGE WN 150# RF/SRF SCH 10S A182 GR.F304 ASME B16.5 FRGD	5"	4
73	FLANGE WN 150# RF/SRF SCH 10S A182 GR.F304 ASME B16.5 FRGD	3"	22
74	FLANGE SW 150# RF/SRF A182 GR.F304 ASME B16.5 FRGD	1"	39
75	ECCENTRIC REDUCER BW SCH 40S A403 GR.WP304 ANSI B16.9 SMLS	4" * 11/2"	4
76	ECCENTRIC REDUCER BW SCH 10S A403 GR.WP304 ANSI B16.9 SMLS	3" * 11/2"	5
77	CONCENTRIC REDUCER BW SCH 40S A403 GR.WP304 ANSI B16.9 SMLS	2" * 1/2"	5
78	CONCENTRIC REDUCER BW SCH 10S A403 GR.WP304 ANSI B16.9 SMLS	5" * 4"	2
79	CHECK VALVE 300# FLGD RF/SRF Stainless Steel, Body -bonnet: ASTM A 351 gr.CF 8, Disc: ASTM A 182 BS1868, ISO 5752	1/2"	5
80	CHECK VALVE 150# FLGD RF/SRF Stainless Steel: Body-Bonnet: ASTM A351 gr.CF 8 BS1868, ISO 5752	1/2"	3
81	BALL VALVE 150# FLGD RF/SRF Carbon Steel, Body & Stuffing box Flange: ASTM A 105 or ASTM A 216 gr.WCB BS 5351	3/4"	1
82	BALL VALVE 150# FLGD RF/SRF Carbon Steel, Body & Stuffing box Flange: ASTM A 105 or ASTM A 216 gr.WCB BS 5351	1 1/2"	3
83	BALL VALVE 150# FLGD RF/SF Stainless Steel, Body & Disc & Stem: ASTM A 182 gr.F 316 or ASTM A 351 BS5351	1"	11