

SCHEDULE OF REQUIREMENT AND TECHNICAL SPECIFICATIONS

CSIR-CMERI TENDER REFERENCE PUR/637/CAMM/SB/E/2019-20

NOTES :

- The tendered requirement has been clubbed under three (3) schedules.
- Bid evaluation and Price Comparison shall be done schedule-wise and the Lowest evaluated responsive bidder for each schedule shall be determined on the lowest landed price in the respective schedule.
- Wherever applicable, payment shall be released on basis of actual weight of materials as supplied and recorded by User Division.
- The Delivery period of 30 days shall have to be strictly complied by the successful bidder failing which the Purchase Order / Contract shall be treated as cancelled. Bidder shall offer his Quotation/Bid only after ascertaining whether he has the requisite capacity and capability to meet the delivery schedule. No request for extension of delivery period shall be entertained under any circumstances. Bids shall be liable to be rejected in case a bidder indicates a delivery period of more than 30 days.

SCHEDULE -1

MS Angles					
SIZE	SPECIFICATION	LENGTH (M)	NO. OFF/SET	KG OR UNIT	TOTAL KG
ISA 75 x 75 x 5 mm	IS: 808	6	20	36	720
ISA 40 x 40 x 4 mm	IS: 808	6	32	16	512
ISA 65 x 65 x 5 mm	IS: 808	6	15	31	465
ISA 90 x 90 x 6 mm	IS: 808	6	16	51	816
ISA 35 x 35 x 5 mm	IS: 808	6	40	17	680
ISA 25 x 25 x 5 mm	IS: 808	6	10	12	120
ISA 50 x 50 x 5 mm	IS: 808	6	10	24	240
ISA 30 x 30 x 4 mm	IS: 808	6	5	12	60
ISA 30 x 30 x 5 mm	IS: 808	6	5	15	75
ISA 40 x 40 x 5 mm	IS: 808	6	10	19	190
ISA 50 x 50 x 8 mm	IS: 808	0.75	294	5	1470
MS Flat					
Flat 25 mm x 6 mm Thickness	IS: 2062	12	10	11	132
MS Beam					
ISMB 250		6	7	228	1596
MS Square Hollow Section					
SHS 70708 mm		21	14	336	4704
MS Circular Hollow section					

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Ø 139.7 mm O/D x 4.5 mm thick.	IS: 1161	6	2	93	186
Ø 88.9 mm O/D x 4.8 mm thick.	IS: 1161	6	5	62	310
Ø 60.3 mm O/D x 4.5 mm thick.	IS: 1161	6	16	40	640
Ø 219.1 mm O/D x 5.6 mm thick.	IS: 1161	6	1	179	179
Ø 139.7 mm O/D x 4.8 mm thick.	IS: 1161	6	2	98	196
Ø 114.3 mm O/D x 4.5 mm thick.	IS: 1161	6	3	76	228
Ø 76.1 mm O/D x 4.5 mm thick.	IS: 1161	6	3	50	150
Ø 48.3 mm O/D x 4 mm thick.	IS: 1161	6	3	29	87
Ø 88.9 mm O/D x Ø 82.04 mm ID	IS: 1161	6	5	46	230
Ø 73.02 mm O/D x Ø 66.06 mm ID	IS: 1161	6	5	38	190
Ø100 mm X 5 mm Thickness	IS: 1161	6	16	73	1168
Ø100 mm X 5 mm Thickness	IS: 1161	6	7	130	910
MS Plates & Sheet					
1.5 mm Thickness	IS: 2062	1250 x 2500	12	39	468
2 mm Thickness	IS: 2062	1250 x 2500	5	51	255
3 mm Thickness	IS: 2062	1250 x 2500	8	75	600
4 mm Thickness	IS: 2062	1250 x 2500	6	101	606
5 mm Thickness	IS: 2062	1250 x 2500	24	126	3024
6 mm Thickness	IS: 2062	1250 x 2500	10	149	1490
8 mm Thickness	IS: 2062	1250 x 2500	8	199	1592
10 mm Thickness	IS: 2062	1250 x 2500	16	247	3952
12 mm Thickness	IS: 2062	1250 x 2500	4	297	1188
16 mm Thickness	IS: 2062	1250 x 2500	4	395	1580
20 mm Thickness	IS: 2062	1250 x 2500	3	493	1479
0.8 mm Thickness	IS: 2062	1250 x 2500	10	22	220
MS Channel					
MC 100	IS: 808	6	2	60	120
ISLC 200	IS: 808	6	2	140	280
MS Rod					
Ø 55 mm	MS	3	2	113	226
Ø 175 mm	MS	0.5	2	97	194
Ø 75 mm	MS	3	2	210	420
Ø 60 mm	MS	3	2	135	270
MS Net					
1.5 mm Thickness Perforated Sheet with 6 mm Holes	MS	1250 x2500	2	40	80

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SCHEDULE-2

SIZE	SPECIFICATION	LENGTH (M)	NO. OFF/SET	KG OR UNIT	TOTAL KG
SS Plates & Sheet					
1 mm Thickness	304L	3000 X5000	3	123	369
1.6 mm Thickness	304L	3000 X5000	2	197	394
2 mm Thickness	304L	3000 X5000	3	245	735
1.8 mm Thickness	304L	3000 X5000	2	221	442
6 mm Thickness	304L	3000 X5000	1	730	730
SS Pipe					
2 " SS Pipe x 3.6 mm Thickness	304L	6	2	32	64
1 " SS Pipe x 3.2 mm Thickness	304L	6	2	15	30
Allen Head Cap Screw					
Allen head cap screw M 5 x 25 Length, Nut & Washer	SS 304 L		2000		
M5 Spring Washer	SS 304 L		2000		
SS 304L Mirror Polish Sheet					
0.5 mm Thickness	SS 304 L	1 M width x 18 M Length	1	76	76
GI Sheet					
1 mm Thickness	Galvanised	1250 x 2500	2	730	1460
GI Pipe					
1" GI pipe	Galvanised	6	10		
ISMB 100	Galvanised	24	22	288	6336

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SCHEDULE-3

SIZE	SPECIFICATION	LENGTH (M)	NO. OFF/SET	KG OR UNIT	TOTAL KG
NUT & HEX Head Bolt					
M12 x 30 mm length Bolt & Nut	Hardened			50	
M12 Washer	Hardened			50	
M 16 x 80 length Bolt & Nut	Hardened			10	
M10 x 30 mm length Bolt & Nut	Hardened			10	
M 16 x 60 length Bolt & Nut	Hardened			50	
M 16 x 90 length Bolt & Nut	Hardened			15	
M 12 x 50 length Bolt & Nut	Hardened			10	
M 6 x 20 length Bolt, Nut & Washer	Hardened			30	
M 12 x 20 length Bolt, Nut & Washer	Hardened			30	
M 6 x 30 length Bolt, Nut & Washer	Hardened			15	
M12 x 35 mm length Bolt & Nut	Hardened			40	
M 16 Nut	Hardened			25	
SS 304 L Nut & Hex Head Bolt					
M 12 x 40 length bolt & Nut	SS 304 L			50	
M 12 x 50 length bolt & Nut	SS 304 L			50	
M 8 x 40 length bolt & Nut	SS 304 L			40	
M 16 x 60 length bolt & Nut	SS 304 L			240	
M16 Spring Washer	SS 304 L			650	
M 16 x 45 length bolt & Nut	SS 304 L			120	
M 4 x 50 mm length	SS 304 L			220	
M 4 x 20 mm Screw Round Head Slotted	SS 304 L			640	
M 4 x 20 mm CSK Head Slotted	SS 304 L			120	
M 6 x 25 mm length Bolt , Nut & Washer	SS 304 L			60	
M 28 x 100 mm length Bolt , Nut & Washer	SS 304 L			30	
M 16 x 55 mm length Bolt , Nut & Washer	SS 304 L			200	
M 12 x 45 length bolt & Nut	SS 304 L			100	
M 12 x 60 length Bolt & Nut	SS 304 L			120	
M 30 x100 hx head bolt length	SS 304 L			80	
M 30 Nut	SS 304 L			80	
M 24 Nut	SS 304 L			100	
M 8 x 35 length bolt Nut & Washer	SS 304 L			150	
M 20 x 45 length Bolt & Nut	SS 304 L			250	
spring washer dia 30	SS 304 L			80	
spring washer M24	SS 304 L			50	
plain washer M24	SS 304 L			80	
spring washer dia20	SS 304 L			240	

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Phosphor Bronze					
Ø25 mm Rod	Phosphor Branze	1	6	5	30
Ø40 mm Rod	Phosphor Branze	1	6	13	78
Ø50 mm Rod	Phosphor Branze	1	6	19	114
Ø75 mm Rod	Phosphor Branze	1	6	40	240
Ø100 mm Rod	Phosphor Branze	0.5	1	36	36
Brass					
Ø25 mm Rod	Brass	1	6	5	30
Ø40 mm Rod	Brass	1	6	13	78
Ø50 mm Rod	Brass	1	6	19	114
Ø75 mm Rod	Brass	1	6	40	240
Ø100 mm Rod	Brass	0.5	1	36	36
Plywood					
25 mm Thickness	Plywood fire Resistant	4' x 8'	7		
Perforated Sheet					
1.25 M(W) x 0.8 mm Thickness with 8 mm Holes with 40 to 50% perforation	SS 304 L	7.5	1	63	63
Bakelite					
12 mm Thickness	Bakelite	4' x 8'	1		
Foundation Bolt					
M 20 x 750 length Bolt , 150 mm Anchor	MS		84		
M20 Washer	MS		100		
M 20 Nut	MS		200		
M 24 x 900 length , 150 mm Anchor	SS		25		
M 24 Spring Washer	SS		50		
M 24 Hex Nut	SS		75		
M 28 x 1000 length , 200 mm Anchor	SS		12		
A30 Foundation washer	SS		24		
M28 Foundation Nut	SS		26		
M 24 Spring Washer	SS		30		
M 24 Hex Nut	SS		30		
M 24 x 700 length , 140 mm Anchor	SS		8		
M 24 Spring Washer	SS		20		
M 24 Hex Nut	SS		30		
Cable Duct					
3" cable duct	PVC	6	7		
Water Pipe					
1"	PVC	6	6		
Sprinkler					
1" spinkler	Brass		25		