

Tentaive Bill of Material for Module Mounting Structures for Tender-2

NOTE:

1.GALVANIZATION TO 80 MICRONS at any Point

GSECL 200 MW

Mark No	Item Description (Dimensions in mm)	Minimum yeild Strength	Lip	Nos. per each table	Length/Area	CS Area	Unit Wt	Total wt - Ungalvanized (Approx)	Total wt galvanized (Approx)	No to be supplied	Total Weight
	COLD FORMED SECTION		mm		mm/mm ²	cm2	kg/m	kg	kg		MT
	Purlin										
PU1	80CS40X1.6	250 MPA	10	4	3712	2.69	2.11	31.35	33.86	56160	475.42
PU2	80CS40X1.6	250 MPA	10	4	3014	2.69	2.11	25.46	27.49	56160	386.03
PU3	80CS40X1.6	250 MPA	10	4	3014	2.69	2.11	25.46	27.49	56160	386.03
PU4	80CS40X1.6	250 MPA	10	4	3014	2.69	2.11	25.46	27.49	56160	386.03
PU5	80CS40X1.6	250 MPA	10	4	3014	2.69	2.11	25.46	27.49	56160	386.03
PU6	80CS40X1.6	250 MPA	10	4	3014	2.69	2.11	25.46	27.49	56160	386.03
PU7	80CS40X1.6	250 MPA	10	4	3014	2.69	2.11	25.46	27.49	56160	386.03
PU8	80CS40X1.6	250 MPA	10	4	3014	2.69	2.11	25.46	27.49	56160	386.03
PU9	80CS40X1.6	250 MPA	10	4	3014	2.69	2.11	25.46	27.49	56160	386.03
PU10	80CS40X1.6	250 MPA	10	4	2360	2.69	2.11	19.93	21.53	56160	302.26
	SAG ROD										
SG1	30LU30X1.6	250 MPA		18	1340	0.912	0.72	17.27	18.65	167256	173.29
SG2	30LU30X1.6	250 MPA		9	720	0.912	0.72	4.64	5.01	83628	46.56
SG1	30LU30X1.6	250 MPA		18	1140	0.912	0.72	14.69	15.87	2124	1.87
SG2	30LU30X1.6	250 MPA		9	916	0.912	0.72	5.90	6.37	1062	0.75
SG1	30LU30X1.6	250 MPA		18	1316	0.912	0.72	16.96	18.32	31140	31.69
SG2	30LU30X1.6	250 MPA		9	763	0.912	0.72	4.92	5.31	15570	9.19
SG1	30LU30X1.6	250 MPA		18	1216	0.912	0.72	15.67	16.92	52200	49.08
SG2	30LU30X1.6	250 MPA		9	844	0.912	0.72	5.44	5.87	26100	17.03
					Contingeny for any changes in design						5
					Total quantity to be tendered						4200