

Moria Hot Spot,Lesvos

Techincal Bidding Document _BOQ/Specifications for Steel waiting shelter in Moria Lesvos (25mx30m)

Notes

Note 1: The works descrtbed below all all in clusive to provide the steel waiting areas as outlined in the following drawing numbers - Σ 1 to 6.

Note 2 : These are two such waiting structures one for **registratiuon area 1** and one for **registratiuon are 2**. On the summary section of the BOQ will allow for the contractor to price both structures.

Note 3: The contractor is deemed to have visited the site before pricing, no variations will be entertained by virture of the fact that the contractor failed to visit the site and ascertain the exact scope of works involved.

Note 4: Items marked (Provisional) imply the quantities may vary and verification before commencement is necessary

Preliminaries

S.N	Items	Item description	Unit	Quantit y	Technical comments	Implementation timeline	Remarks
1	Preliminaries	Allow for all preliminaries required for the completion of the works such as insurance, site set up costs, scaffolding, plant, water, electricity, services for the works, storage, etc.....	Item				

Civil Works

Site Preparation

2	Site Preparation/leveling	Remove trees, grass & excavate ground and mix soil with aggregate to refill the excavated area in order to prepare the floor base.	Sq.m	806			
2.1		Extra over the above for excavating and removing existing concrete slabs and hardstandings and reducing to an acceptable formation level, remove all excess debris from the site	Sq.m	806			

Excavation

3	Excavation & backfilling for foundation and stanchion base works	Excavate in all type of soil including concrete for concrete footing and rising work, include for all backfill by excavated local material	Cu.m	842			
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Concrete

4	Reinforced Concrete in foundations (all in rate to include - concrete, reinforcement steel, form works , finishing, etc)	Reinforced concrete footing as shown in drawing No. # S-1. Concrete should be C20/25 according to Greek standardS.	Cu.m	113			
4.1		Extra over last for supply and placing of holding down bolts and plates, 6 no. bolts per plate as as shown on the drawings	No.	21			
5	Low strength Concrete works	Supply and place low strength concrete blinding C 8/10 under the foundation	Cu.m	18			
6	Concrete floor (all in rate to include - concrete, reinforcement steel, form works , finishing, etc)	Construction of reinforced concrete floor as shown in drawing with thickness 20cm.Concrete should be C16/20 according to greek standard (Provisional)	Cu.m	150			

Structural steel

7	Structural Steel in frame	Supply and installation of Structural Steel frame all as referenced on steel schedule Ref. Annex 1, all as specified on drawings Σ 1 - 5. Include all fixings, plates, welding, all inclusive price	kg	36,500			
8	Painting	All structural steel should arrive with a primer coat and two finishing coats of anti rust paint, RAL 7015 slate grey, allow for touching up all paint after erection on site	item	1			

Roof and gutters

9	Roof works (all in rate to include all fixings, seals, trims, ridge, etc..)	Roofing sheets - Use monolithic insulated sandwiched panel 50 mm tk and white (RAL 9002). The inner and the outer surfaces of the steel sheet hot dip galvanized and prepainted. Between steel sheets injected Polyurethane density 40 - 42kg/m2.	Sq.m	856			
10	Drainage Gutters (supply and fix including all fixings, plates, etc...)	Supply and install galvanised powder coated gutters for the whole structures	m	60			
11	Down pipes (all in rate to include swan neck bends and outlet shoes)	Supply and install galvanised powder coated downpipes	m	12			

Metal railings

12	Steel crowd control Fencing works	Supply and install hot dipped galvanised steel fence frame with mesh inserts as specified in drawing No 6. Price to include all bolts, plates & fittings, hot dipped galavanised,					
12.1		2 m high, fixed to concrete floor	m	140			
12.2		1 m high mesh panels with handrail at 1m and top rail at 2m, vertical posts fixed at toip to steel structure	m	96			

Electrical works

13	Electrical Works	Supply and install transfer cables & lighting, consisting of twin flourscent tubes (provisionsl 30 double flourscent tube fittings) and light fitting fixed to steel roof structure, allow for all switches, fittings, cabling and conduit	Item	1			
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Fit-out

14	Seating to waiting area	Supply and install steel and timber waiting seats all as detailed on drawing No. Σ 6, steel to be hot dipped galvanized and hardwood timber seating boards to receive one undercoat and two finishing coats of external quality matt wood paint; all fixed to concrete floor with anchor bolts (include all bolts and fitting).					
14.1		2500 mm long benches	No.	35			