

**TURNKEY PACKAGE FOR DESIGN, ENGINEERING, SUPPLY & CONSTRUCTION OF 66/33/11 kV SUBSTATION & ASSOCIATED WORKS AT JAMTSHOLING, TASHICHOLING (SIPSOO), SAMTSE**

**SCHEDULE - 1: EARTH WORKS**

<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Provisional Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
		<b>1</b>	<b>2.00</b>	<b>3.00</b>	<b>4 = (3x2)</b>
<b>1.00</b>	<b>Earth Works ( Switchyard and CRB area)</b>				
1.10	Earthwork in excavation including clearing away vegetation if any, for general site grading and earthing in all types of soils (ordinary/ hard soil) in both dry and wet conditions & transporting excavated material (at all leads and lifts) to temporary stockpiles within the EMPLOYER's premises, spreading, levelling and compaction etc. all complete as specified and as directed.				
1.11	a) Depth upto 3.00 m from G.L.	Cu.M.	3,475.50		
1.12	b) Depth exceeding 3.00 m and upto 6.00 m	Cu.M.	173.78		
1.13	Same as the item No.1.91 but for excavation in soft rock at all depths.	Cu.M.	173.78		
1.14	Same as the item No.1.92 but for excavation in hard rock at all depths	Cu.M.	173.78		
1.20	Earthwork in excavation including clearing away vegetation, if any in foundations, and pits trenches, drains, road formation and earthing etc. in all types of soils (ordinary/ hard soil) in both dry and wet conditions including shoring, strutting, dewatering, dressing of sides and ramming of bottom & backfilling with selected earth from excavation in layers of 200 mm, watering, ramming, consolidation & transporting excavated material (at all leads and lifts) to temporary stockpiles within the PURCHASER's premises, spreading, levelling etc. all complete as specified				
1.21	(a) Depth upto 3.00 m from G.L.	Cu.M.	1,300.00		
1.22	(b) Depth exceeding 3.00 m and upto 6.00 m	Cu.M.	130.00		
1.23	Same as the item No.1.1 but for excavation in soft rock at all depths.	Cu.M.	130.00		
1.24	Same as the item No.1.1 but for excavation in hard rock at all depths.	Cu.M.	130.00		
1.30	Earthwork in embankment for roads/ ramps with excavated earth obtained from items 1.1 to 1.3 above or any other excavation, including handling and transporting excavated earth from PURCHASER's premises at all leads, depositing in layers 200 mm deep, watering and compacting the same to 95% Modified Proctor density, finishing and dressing, etc. complete all as specified.	Cu.M.	1,207.50		
1.40	Earthwork in filling in foundation and plinth under floors, ramps, equipment footings etc. including watering, ramming, compacting to 95% Modified Proctor density and dressing to the required profiles, etc. complete, as directed by the Engineer.				
1.41	(a) With excavated earth from stockpiles in the PURCHASER's premises at all leads	Cu.M.	1,640.50		
1.42	(b) With excavated earth from approved borrow areas from outside PURCHASER's premises upto a lead of 2.0 km	Cu.M.	82.03		
1.50	Supplying and spreading 150mm thick layer of 20mm nominal size (ungraded) of uncrushed/crushed/broken stone including clearing vegetation and compacting the same to correct lines and levels after application of anti weed treatment etc. complete as per specification.	Cu.M.	137.25		
<b>TOTAL FOR SCHEDULE-1 (Nu.) =</b>					