

**Name of the work :- CONSTRUCTION OF COMMON CONNECTING PLATFORM OF OJ-9 TO 11**

**SCHEDULE-B**

Sr. No.	Description	Qty.	Rate		Unit		Amount
			In fig.	In words.	In fig.	In words	
1	Shift and set up piling plants and equipments at each pile location  <b>(A) Approach Trestle - 1000 dia Pile</b>	167			1No.	Each	
2	Supply, fabricate mild steel liners plates (8mm thick) with shoe including transport, alignment,welding, placing in position and driving up to any depth.  <b>(A) Approach Trestle - 1000 dia Pile</b>	978			1MT	One Metric Tonne	
3	Boring through all type of soil strata including stiff clay and dense sand from Bed level to Founding level  <b>(A) Approach Trestle - 1000 dia Pile</b>	4676			1Rmt	One Running Metre	
4	Supply and place in position design mix cement controlled concrete of grade M-40 in pile shaft by means of tremmie or any other approved method using 20 mm MSA including cost of all labour and materials but excluding the cost of steel reinforcement.  <b>(A) Approach Trestle - 1000 dia Pile</b>	4843			1M <sup>3</sup>	One Cubic Metre	
5	Supplying, cutting, bending tying with 1.5mm dia annealed binding wire and placing in position reinforcement cages for insitu reinforced cement concrete piles including cleaning, wire brushing, straightening tack/lap/butt welding with approved electrodes etc., with all labour and materials complete.  Thermo-mechanically treated corrosion resistant steel of grade equivalent to Fe-500D  <b>(A) Approach Trestle - 1000 dia Pile</b>	986			1MT	One Metric Tonne	
6	Dressing of pile head, stacking the debris at convenient place, transportation to the low lying area anywhere inside the harbour as directed by the Engineer's representative and all associated cleaning of projected reinforcements including labour, materials, tools, equipment, fuel etc. all complete. (Rate to include for cutting of steel liners and chipping of concrete above pile cut-off level):  <b>(A) Approach Trestle - 1000 dia Pile</b>	167			1No.	Each	

Sr. No.	Description	Qty.	Rate		Unit		Amount
			In fig.	In words.	In fig.	In words	
7	Conducting High strain dynamic load test on working piles for the load as directed using suitable equipment / machinery at his own cost all necessary arrangement for testing facilities & removal of the same after test etc and as directed by the Engineer In Charge.	3			1No.	Each	
8	Conduct non-destructive integrity testing on the selected piles using the low strain sonic diagnostic system as directed using suitable equipment / machinery at his own cost all necessary arrangement for testing facilities & removal of the same after test etc and as directed by the Engineer In Charge.	20			1No.	Each	
9	Conducting standard penetration test as per IS 2131 at various location in piles bores as directed by Engineer-in-charge including making report thereof.	34			1No.	Each	
10	Providing and casting, lifting, shifting and placing in position of precast units of design mix controlled concrete grade M- 40 including weigh batching, mixing, vibrating, curing etc., complete with all labour, material, plants, equipments etc. as directed by engineer in charge. (Rate shall be inclusive of providing, fixing and stripping of formwork but exclusive of steel reinforcement bars.)						
	<b>(A) Approach Trestle - Precast beams, slab, etc</b>	3544			1M <sup>3</sup>	One Cubic Metre	
11	Supply and place in position to lines and levels cast-in-situ design mix cement controlled concrete of grade M-40 using cement sand, 20mm MSA including providing form work, shuttering, machine mixing, compacting, curing of concrete, centering including providing pockets, opening, recesses, chamfering wherever required and rendering if required to give smooth and even surface in all shape etc.complete as directed with all labour and materials but excluding the cost of steel reinforcement for pile muff, pile caps, deck beams, slab,kerbs, parapets etc.						
	<b>(A) Approach Trestle - Insitu Muffs, Beam, Slab, pedestals, ducs, etc.,</b>	4010			1M <sup>3</sup>	One Cubic Metre	
12	Supplying, cutting, bending, tying with 1.50 mm dia annealed binding wire and placing in position reinforcement for precast and cast in situ concrete elements etc. including cleaning, wire brushing, straightening tack/lap/butt welding with approved electrodes etc.with all labour and materials complete.						
	Thermo-mechanically treated corrosion resistant steel of grade equivalent to Fe-500D						
	<b>(A) Approach Trestle - Precast beams, slab, etc</b>	1670			1MT	One Metric Tonne	

Sr. No.	Description	Qty.	Rate		Unit		Amount
			In fig.	In words.	In fig.	In words	
13	Supply and place in position to lines and levels cast-in-situ design mix cement concrete of grade M-40 using cement, 20 mm MSA for wearing coat of average thickness of 80mm including providing of mesh reinforcement, form work, weigh batching machine mixing, placing in panels, forming slopes, compacting curing etc. complete with all labour and materials.						
	<b>(A) Approach Trestle</b>	5311			1M <sup>2</sup>	One Square Metre	
14	Supply and fix in position 100 mm dia PVC drain pipes of 500 mm length in suitable locations of deck slab as per drawing and specifications etc. complete as directed by the Engineer-in-Charge.						
	<b>(A) Approach Trestle</b>	170			1No.	Each	
15	Supplying, providing and fixing in position approved quality shalifax board, edge angles, steel plates, etc., at expansion joints all complete according to the specifications, Drawings and/or as directed by the Engineer.						
	<b>(A) Approach Trestle</b>	72			1Rmt	One Running Metre	
16	Supply, fabricate and install in position GI handrail post (50 NB pipes) and hand railing (40 NB pipes) made of medium class steel tubes of YST 22 and conforming to IS:1161 including inserts, base plates and painting (one coat of primer & two coats of epoxy paint) as per drawing and specifications etc. complete as directed by the Engineer-in-Charge.						
	<b>(A) Approach Trestle</b>	945			1Rmt	One Running Metre	
17	Providing core fill for rock bund with quarry run material including cost of quarrying, royalty, loading, unloading, transportation and spreading in layers from existing ground to required level, levelling, dressing side slopes etc., complete with all labour and materials complete including settlement etc., as directed by the engineer in charge.						
		94204			1M <sup>3</sup>	One Cubic Metre	
18	Providing primary rock of 0.5 to 1 T for rock bund including cost of quarrying, royalty, loading, unloading, transportation and spreading in layers from existing ground to required level, levelling, dressing side slopes etc., complete with all labour and materials complete including settlement etc., as directed by the engineer in charge.						
		36674			1M <sup>3</sup>	One Cubic Metre	

**Total**

**CONTRACTOR**

**Depty Chief Engineer (P)  
Deendayal Port Authority**