

PREQUALIFICATION FOR DYKE HEIGHT RAISING IN PWL

The Vendor must provide below documents for pre-qualification:-

- Annual Turn Over of more than five crores
- Last three years P/L Statement/Balance Sheet/audited annual report.
- Number of Years in Business,
- ISO and Other Necessary Certifications
- Top 5 Clients Details.
- At least 5 years of experience of similar type of job.

Scope of work: As per below attached BOQ

Interested parties can submit their competitive offer within 07 days from the date of publication as per the EOI document at the e-mail address given below:

Eioresponses@vedanta.co.in

BOQ FOR 3M DYKE HEIGHT RAISING IN PROCESS WATER LAKE

SL NO.	ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE (In Rs.)	AMOUNT	REMARKS
1	Stripping	Stripping the ground up to 200mm thick with clearing of jungle, trees, removal of roots, shoring, strutting, dewatering, drainage, desilting, bailing out water and including placing neatly, disposing off the excavated stuff as directed with all lifts as per drgs, and leads as per preamble, complete in all soils.	Sqm	153900			Area Stripping in d/s
2	Earrth Filling	Earth in excavation below ground level for all kinds of works in all types of soil except hard rock as classified in specification for a depth upto 5m including removal of vegetation, shrubs and debris, cutting and dressing of sides in slopes, levelling, grading and ramming of bottoms, dewatering of accumulated water from any source and keeping the surface dry for subsequent works and filling the excavated earth keeping in view the site requirement and to be consulted by EIC. The filling should be as per requirement and be properly compacted for better subgrade and tested by EIC (Lead Max 3km)	m ³	62800			Earth filling for dyke outer core lead up to 3km
3	Ash Filling	Ash in excavation from ash pond for a depth upto 5m including removal of vegetation, shrubs and debris, cutting and dressing of sides in slopes, levelling, grading and ramming of bottoms, dewatering of accumulated water from any source and keeping the surface dry for subsequent works and filling the excavated earth keeping in view the site requirement and to be consulted by EIC. The filling should be as per requirement and be properly compacted for better subgrade and tested by EIC (Lead Max 7km)	m ³	410000			Ash filling for dyke inner core lead up to 7Km from ash pond
4	Toe Drain/Trench Excavation	Excavation for toe drain & appertenant works including cleaning of jungle, trees removal of roots shoring, strutting, dewatering, drainage, desilting, bailing out water and including placing neatly, disposing off the excavated stuff as directed with all lifts as per drgs, and leads as per preamble, complete in all soils and boulders not exceeding 0.15 cum in. volume excluding hard rock as per specifications.	m ³	11150			Toe drain excavation & trench on dyke top for anchoring HDPE liner
5		Providing and laying of Base filter with 200 mm thk. Graded sand filter and 400mm thk. (20 mm down size) C.A and 200mm thk. Graded sand filter below the bund towards toe drain as per drawings, preamble specifications and directions of Engineer-in-charge					
a	Sand	Sand filter	m ³	23050			For Filter Layer & existing toe drain
b	Aggregate	20 mm down size C.A	m ³	10800			For Filter Layer
c	Metals	40-60mm Size CA	m ³	7750			For Filter Layer & existing toe drain
d	Boulder Packing	Providing and laying stone pitching (above compacted soil)/ rock fill on the slope of dam down stream or elsewhere to the required thickness as per drawings, specifications with all leads and lifts as specified in the preamble of BOQ and as per direction of engineer in-charge.	m ³	30550			For Filter Layer
6	Turfing	Providing and laying of turfing with pad/doob grass on down stream and for (6.71 mts. along slope) of peripheral bund on upstream as per drawings, preamble specifications and directions of Engineer-in-Charge.	Sqm	59000			In d/s slope area
7	WBM	WBM in two layer, each layer should be compacted to a thickness of 75 mm, the binding material used in the WBM should be crosser dust. It should be made upto standard as instructed by EIC. (The aggr. Used should be composition of 40 mm dn. Aggr. And 90 mm dn. Aggr.)	m ³	1400			On dyke top
8	HDPE Supply & Installation	Supply & Installation of 1.5mm thick double side textured HDPE Membrane of all materials and components, manufacture, packing, forwarding, transportation up to site, customs clearance, handling completed the job as per direction of EIC	Sqm	26100			u/s slope HDPE liner
9	Filling on HDPE	Excavation in borrow pits including sorting of isolated boulders and pebbles, dozing, breaking clods, transportation of homogeneous material to dam site and formation of compacted fill over HDPE of 500mm thick including watering and compaction to the required density and dressing complete as per detailed specifications with all leads and lifts.	m ³	11950			Soil filling on HDPE liner
10	Perforated HDPE Pipe Supply & Installation	Supply & Installation of 315mm dia PE 100 PN16 Perforated HDPE Pipe (SDR11) of all materials and components, manufacture, packing, forwarding, transportation up to site, customs clearance, handling completed the job as per direction of EIC	RM	2500			In existing toe drain
11	Solid HDPE Pipe Supply & Installation	Supply & Installation of 450mm PE PN16 Solid HDPE Pipe of all materials and components, manufacture, packing, forwarding, transportation up to site, customs clearance, handling completed the job as per direction of EIC	RM	60			Below approach Road

12	Perforated HDPE Pipe Supply & Installation	Supply & Installation of 450mm PE PN16 Perforated HDPE Pipe of all materials and components, manufacture, packing, forwarding, transportation up to site, customs clearance, handling completed the job as per direction of EIC	RM	160			Below approach Road
13	Geotextile Supply & Installation	Supply & Installation of 400g/M2 non woven Geotextile of all materials and components, manufacture, packing, forwarding, transportation up to site, customs clearance, handling completed the job as per direction of EIC	Sqm	950			For SS building side Embankment
14	HDPE Pipe Supply & Installation	Supply & Installation of 250mm dia HDPE Pipe ISO S5 Rating of all materials and components, manufacture, packing, forwarding, transportation up to site, customs clearance, handling completed the job as per direction of EIC	RM	250			For catchment pit
15	Geogrid Supply & Installation	Supply & Installation of GEOGRID OF ULTIMATE TENSILE STRENGTH 114 kN/m (TENSAR UNIAXIAL GEOGRID UX1500 OR EQUIVALENT) PLACED AT 0.5 m CENTERS of all materials and components, manufacture, packing, forwarding, transportation up to site, customs clearance, handling completed the job as per direction of EIC	Sqm	20000			For SS building side Embankment
16	RCC	Providing and laying of reinforced cement concrete M25 grade(1:1:2) proportion using 20mm downgraded aggregates of specified dimension for high mast light foundation in the dyke at all heights at all levels as per the specification for concrete apron & instruction of EIC	m ³	650			For catchment pit Concrete
17	Pipe Bollard Supply & Installation	Providing & fixing of 100mm diameter 1m high pipe bollards at 3m spacing and 12.55mm diameter steel cable through bollards including material, fabrication, erection, labor cost, loading and unloading, 2 layer redoxide coat with approved color as per design & drawing, completed the jobs as per direction of EIC	RM	1700			On dyke top for safety
18	Excavation for catchment pit	Excavation of earth up to 3mt depth for pedestal/Column/any Structure foundation and dressing the bottom for PCC and refill the earth after completion of RCC work and compact the earth properly and leveling the excess earth and complete the work as per direction of EIC	m ³	4150			For catchment pit
19	Wire Mesh	Providing & fixing of Wire Mesh(150 x 150)mm dia steel mesh including material, labor cost, loading and unloading, completed the jobs as per direction of EIC	Sqm	3250			For catchment pit concreting
20	Hume Pipe	Supply & laying of 1mt dia Hume Pipe having the proper certificate including loading, unloading, transportation with proper collar joint in site and complete all the job as per drawing & direction of EIC	RM	50			Toe drain to Catchment pit connection
21	Granular	Providing and laying of granular fill in the geotextile of size 40-60mm preamble specifications and directions of Engineer-in-charge	m ³	10000			For SS building side Embankment
22	Concrete Block	Providing and laying of precast concrete block of octangle size of 75mm thick size preamble specifications and directions of Engineer-in-charge	Sqm	900			For SS building side Embankment
23	Piezometer & Survey Monument	Supply and installation of piezometer including transportation, shifting of material to site with any machineries and labour cost, including of all the taxes complete the work as per instruction of EIC	Nos.	6			Instrumentation on dyke top
				TOTAL AMOUNT			
				GST @ 18%			
				Total Amount Including GST			