PREQUALIFICATION FOR DRAINAGE

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: Drainage system repair/upgradation-BOQ & SOW as attached Below

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:

Eoiresponses@vedanta.co.in

BOQ FOR INPLANT DRAINAGE SYSTEM				
SL No.	**Item**	**Description**	**Unit**	**Quanity**
1	Excavation for Foundation	Excavation of earth maximum up to 2.0 mt depth for Retain Wall foundation and dressing the bottom for sa PCC and refill the earth after completion of masonary work and compact the earth properly and leveling the excess earth and complete the work as per direction of EIC	Cum.	5500
2	Dismantle	Dismantling pcc or RCC up to M25 grade concrete by breaker or any other heavy machinaries with either pointing or plaster including removing and transporting, unloading and spreading the debris as directed by EIC	Cum.	250
3	PCC	Supplying and laying of plain cement concrete using 1:4:8 proportion using 40mm downgrade aggregate of specified thickness(as per drawing) which includes leveling the top surface and necessary shuttering required for the concreting and curing and complete the work as per direction of EIC.	Cum.	250
6	RCC M25	Providing and laying of reinforced cement concrete M25 grade(1:1:2) proportion using 20mm downgraded aggregates of specified dimension for retaining wall foundation in the all heights at all levels as per the spcification and drawing provided, complete the work as per instruction of EIC	Cum.	1200
7	Shuttering	P & F centering & shuttering with steel shuttering plates or plyboard with all tools, tackles, labours etc. complete in all respect as per direction of EIC.	Sqm	6000
8	Reinforcement	Supllying,cutting and bending the reinforcement steel of required did. As per the drawing and fixing the reinforcement as per thedrawing which is also includes chairs and supply of binding wire required for the binding and complete the work as per direction of EIC.	Kg	80000
9	Hume Pipe	Supply & laying of 1000mm dia Hume Pipe having the proper certificate including loading, unlaoding , transportation with proper colar joint in site and complete all the job as per drawing & direction of EIC	RM	15
10	Boulder Masonry	Providing and laying stone masonry as per the drawing and requirement of site and joint to be filled with C.M. 1:6 and provide 4' pvc pipe for the weep holes 1nos @ 1 sqm area which includes transportation of material with all leads and lifts and dressing of the solpes if required and complete as per specification and drawings, finished as per directions of Engineer-in-Charge	Cum.	30

SCOPE OF WORK FOR RCC DRAIN IN INSIDE PLANT

1.0 Objective

Smooth flow of water in time of monsoon

2.0 Scope Of Work:

2.1 Technical Requirement:

1. Visiting of site, collection of existing data, understand the present condition, technical discussion with site in charge.
2. Understand the details of BOQ submission and work to be executed for smooth flow of water & also water management system during the monsoon.
3. Details of material availability at site for civil work construction with lead to construction site.
4. Details of material use at site with site availability, like sand, aggregates, steel with lead to construction site.
5. Detail study of detail design and drawing provided.
6. All work to be carried out as per designed drawing and technical specification. Any deviation should be mutually discussed and finalized.
7. Preparation of micro schedule mention the detail note for the phase wise construction of retain wall and embankment.
8. Manpower engage at site as per the project requirement.
9. Preparation of all the benchmarks as reference point before commencement of project work.
10. Submission of detail BOQ and technical specification for the work as per the drawing.
11. Approach road to be prepared to for material movement in vendor scope only.

2.2 Quality:

1. Preparation of detail working procedure with QAP, quality of material to be used for the construction & mention the IS code to followed for the design & drawing & also required for the construction included in the scope of work.
2. The design and material specifications of all equipment and components in scope shall confirm to latest technology and shall be suitable for the services intended.
3. The work shall be carried out as per relevant latest Indian Standards, codes, criteria and recommendations and in absence of latter the work shall be executed as per best practice and to the Indian Standard Specifications as may be desired by the Engineer.
4. Proper curing period will be ensured in RCC drain structures.
5. Party will give minimum 1 years of guarantee after completion of job.
6. Third party Consultant do the supervision of the construction activity coordination with consultant which includes establishment of QA & QC standards before starting of work, certification of stage wise quality.
7. Construction material to be sent to government approved laboratory for QA & QC.

2.3 SAFETY :

1. Party has to follow all the safety rules and regulation as per the VL guidelines only.
2. Party has to maintain all the safety documents in printed format as per the requirement of M/s VL
3. Party shall be solely responsible for the adequacy, stability and safety of operations on the Site.
4. Preparation of Job Safety Analysis (JSA) before start of the project.
5. Permit to be taken from civil, mechanical, electrical & operation before start of the job from Refinery, Power plant and expansion project team.
6. Material and manpower remain at site with all safety and security.
7. Project to be carried out in day time only, but as per request job may be carried out at night with 100% safety and illumination and prior information to VL.
8. Work to be carried out along coal and alumina line, below coal & bauxite tippler area, 100% safety to be ensure when operation.
9. One supervisor remain at site to ensure safety of manpower when working along rail lines & conveyor.

3.0 Individual Task:

1. 100Mt Boulder masonry drain below coal shed.
2. 30Mt RCC drain along inclined conveyor in bauxite tippler area.
3. 500Mt RCC drain from coal line dead end to coal tippler area.
4. 1Km RCC drain in Alumina line-3.
5. 300Mt RCC drain along engine escape line.
6. 250Mt RCC drain along Alumina line dead end.

4.0 Deliverables:

Job to be carried out within 6months of PO place date.

5.0 Expected Outcomes:

- Smooth movement of locomotive in time of monsoon.
- Smooth operation of coal shed area.
- Smooth operation of coal tippler area.
- Smooth operation of Bauxite tippler area.