

Schedule of Rates
for
Structural Works

TENDER : Geotech Investigation for Stations and River Crossing & Hydrological Data collection		1		ISSUED FOR TENDER			
		0		Issued for Bids		VKP	SD
		REV	DATE	PURPOSE	BY	CHECKED	APPROVED
 ENGINEERS INDIA LTD NEW DELHI	Bidder's Stamp			Client : GAIL (INDIA) LIMITED Project : DABHOL BANGALORE PIPELINE PRC	SCHEDULE OF RATES		Rev
		Date	Bidder's Signature	Div.: ENGINEERING Dept.: Structural	A027-000-16-48-SR01A SHEET 1 OF 5		1

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
1	G000.00.00	GEOTECHNICAL					
2	G102.00.00	Survey work for establishing Co-ordinates & RLs					
3	G104.00.00	CORING IN ROCKS.					
4	G104.01.00	Coring in Rock of Nx size with double tube core barrel as specified					
5	G104.01.02	Coring in Rock of Nx size with double tube core barrel as specified with diamond bits	M	475			
6	G105.00.00	Conducting the following FIELD TESTS as per standard procedures and relevant IS codes					
7	G105.01.00	Conducting Standard Penetration Tests in boreholes as specified	EACH	925			
8	G105.02.00	Collecting undisturbed samples from boreholes as specified	EACH	200			
9	G105.12.00	Conducting Electrical Resistivity Tests (ERT) as specified	EACH	18			
10	G106.00.00	LABORATORY TESTS ON SOIL & ROCK SAMPLES Conducting the following laboratory tests as specified:					
11	G106.01.00	Conducting Atterberg's limit (Liquid Limit & Plastic Limit) as specified	EACH	300			
12	G106.02.00	Conducting Natural water content on soil samples as specified	EACH	200			
13	G106.03.00	Conducting Bulk and dry density tests on soil samples as specified	EACH	200			
14	G106.04.00	Conducting Specific gravity and void ratio tests on soil samples as specified	EACH	200			
15	G106.05.00	Grain size analysis on soil samples					
16	G106.05.01	Conducting Sieve analysis for grain size distribution on	EACH	200			

 ENGINEERS INDIA LTD NEW DELHI	Bidder's Stamp			Client : GAIL (INDIA) LIMITED Project : DABHOL BANGALORE PIPELINE PRO	SCHEDULE OF RATES	Rev
		Date	Bidder's Signature	Div.: ENGINEERING Dept.: Structural	A027-000-16-48-SR01A SHEET 2 OF 5	1

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
17	G106.05.02	samples as specified Conducting Hydrometer Analysis for grain size distribution on samples as specified	EACH	50			
18	G106.06.00	TRIAXIAL SHEAR TESTS on soil samples					
19	G106.06.01	Conducting triaxial Unconsolidated Undrained (UU) test on soil samples	EACH	100			
20	G106.07.00	Conducting Unconfined Compression Tests on soil samples as specified	EACH	100			
21	G106.10.00	Conducting Consolidation tests on soil samples as specified.	EACH	200			
22	G106.13.00	Laboratory CBR Tests on soil samples					
23	G106.13.01	Conducting Laboratory Unsocked CBR Tests on soil samples as specified	EACH	50			
24	G106.13.02	Conducting Laboratory Socked CBR Tests on soil samples as specified	EACH	50			
25	G106.15.00	Laboratory tests on ROCK SAMPLES					
26	G106.15.01	Conducting Unconfined Compression Test on Rock samples as specified	EACH	45			
27	G106.15.02	Conducting Point Load test on Rock samples as specified	EACH	45			
28	G106.16.00	Conducting Swelling Potential and Swelling Pressure tests on soil samples as specified, if soil is EXPANSIVE nature	EACH	10			
29	G106.18.00	Conducting Chemical tests on soil & water samples as specified.					
30	G106.18.01	Conducting Chemical tests on SOIL SAMPLES as specified	EACH	50			

	ENGINEERS INDIA LTD NEW DELHI	Bidder's Stamp			Client : GAIL (INDIA) LIMITED Project : DABHOL BANGALORE PIPELINE PRO	SCHEDULE OF RATES	Rev
					Div.: ENGINEERING Dept.: Structural	A027-000-16-48-SR01A	1
			Date	Bidder's Signature		SHEET 3 OF 5	

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
31	G106.18.02	Conducting Chemical tests on GROUND WATER samples	EACH	50			
32	G107.00.00	SOIL REPORT PREPARATION AND SUBMISSION IN 6 COPIES AS PER SPECIFIC REQUIREMENTS					
33	G107.01.00	Geotechnical Contractor to prepare detailed soil report as per specifications and specific requirements, as soon as field & laboratory tests completed. All the information as mentioned in Specific Requirements shall be furnished in the draft copy of final report for our review and comments. After reviewing, Geotechnical Contractor shall be informed about our comments/ remarks, if any and the same shall be incorporated and final report shall be submitted in 6 nos copies.	LS	1			
34	G999.00.00	Miscellaneous					
35	G999.99.00	Miscellaneous					
36	G999.99.99V01	Boring in soil from Existing Ground Level to 20m depth (maximum) on land and river banks / bed having water depth upto 0.5m as per specification.	M	850			
37	G999.99.99V02	Boring in soil upto 20m depth (maximum) on River bed having water depth more than 0.5m as per specification.	M	550			
38	G999.99.99V03	Collection and furnishing the Hydrological data from authentic sources such as CWC, state PWD, Irrigation, Maritime board etc. as specified in the specification for all the rivers under this project.	LS	1			
39	G999.99.99V04	Excavation of trial pits as mentioned in the specification.	CUM	90			
40	G999.99.99V05	Mobilization of plant and personnel, equipments/ tools & tackles etc. for investigation on land and on river bed where water depth not more than 0.5m, shifting from one	LS	1			

	ENGINEERS INDIA LTD NEW DELHI	Bidder's Stamp		Client : GAIL (INDIA) LIMITED Project : DABHOL BANGALORE PIPELINE PRO		SCHEDULE OF RATES		Rev
						A027-000-16-48-SR01A		1
			Date	Bidder's Signature	Div.: ENGINEERING Dept.: Structural		SHEET 4 OF 5	

S. No.	Item No	Description of Items	Unit	Quantity	Rate in Rupees		Amount in Rs.
					Figures	Words	
41	G999.99.99V06	site to another site and from one test location to another test location within the site including demobilization after completion of all field tests etc. at all sites as per specifications, drawings and direction of Engineer-in-charge. Mobilization of plant and personnel, equipments/ tools & tackles etc. for investigation at all river bed where water depth is more than 0.5m, shifting from one river to another river and from one test location to another test location within the same river including demobilization after completion of all field tests etc. at all rivers as per specifications, drawings and direction of Engineer-in-charge.	LS	1			

	ENGINEERS INDIA LTD NEW DELHI	Bidder's Stamp		Client : GAIL (INDIA) LIMITED Project : DABHOL BANGALORE PIPELINE PRO		SCHEDULE OF RATES		Rev
						A027-000-16-48-SR01A		
			Date	Bidder's Signature	Div.: ENGINEERING Dept.: Structural	SHEET 5 OF 5		1