



GEOBET SERVICES LIMITED

Head Office:
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3rd October, 2017

SPDC
IA
PORT HARCOURT

Dear Sir,

We are pleased to offer our Quotation for the Implementation of BS&W for the under listed Corolis Meters in Gbaran NAG totalling 13 meters in scope.

S/N	VESSEL						REMARK
	KOROAMA SLUG CATCHER (V-1106)						
	TRANSMITTER			SENSOR			
	TAG NO	SERIAL NO	MODEL NO	TAG NO	SERIAL NO	MODEL NO	
1	GBRG1-11FT-602A	3837606	2700R11EEFEZZZ	GBRG1-11FE-602A	14093763	CMF300H999NAEZEZZX	
2	GBRG1-11FT-602B	3784384	2700R11EEFEZZZ	GBRG1-11FE-602B	14094559	CMF300H999NAEZEZZX	
	ZARAMA SLUG CATCHER (V-1101)						
	TRANSMITTER			SENSOR			
	TAG NO	SERIAL NO	MODEL NO	TAG NO	SERIAL NO	MODEL NO	
1	GBRG1-11FT-102A	3783943	2700R11EEFEZZZ	GBRG1-11FE-102A	14093766	CMF300H999NAEZEZZX	
2	GBRG1-11FT-102B	3783967	2700R11EEFEZZZ	GBRG1-11FE-102B	14093764	CMF300H999NAEZEZZX	
	GBARAN SLUG CATCHER (V-1103)						
	TRANSMITTER			SENSOR			
	TAG NO	SERIAL NO	MODEL NO	TAG NO	SERIAL NO	MODEL NO	
1	GBRG1-11FT-302A	3837525	2700R11EEFEZZZ	GBRG1-11FE-302A	14094561	CMF300H999NAEZEZZX	
2	GBRG1-11FT-302B	3784133	2700R11EEFEZZZ	GBRG1-11FE-302B	14093765	CMF300H999NAEZEZZX	

KOLO CREEK SLUG CATCHER (V-1104)						
TRANSMITTER			SENSOR			
TAG NO	SERIAL NO	MODEL NO	TAG NO	SERIAL NO	MODEL NO	
1	GBRG1-11FT-401	3784272	2700R11EEFEZZZ	GBRG1-11FE-401	14094560	CMF300H999NAEZEZZX

SCOPE OF WORK

3:1 OFF SITE WORK (IN HOUSE)

- HMI modification and data point linking
- Setup Control strategies for Net Oil compensation as based on the API supplied standard and formulas in the DCS.
- Verification and Testing of the customised modules in DCS
- Generation of INPUT/OUTPUT list for PI integration..

SITE WORK

- Personnel mobilisation to site and CCR for the activities
- HSE Meeting, team engagement and Permit to Work
- Conduct a Complete site survey more focus on DCS status assessment, data collection ability and license.
- Control Logic: existing logic modification as to add the new transmitters
- Configure input signals in the DCS and conduct loop testing
- Allocation of the IO channel and Download
- Arrangement of the modified HMI screen and data points linking
- Proper PI integration
- Pre-Commissioning/Commissioning Activities/Checks (DCS verification)
- Complete Site Assessment Test
- Housekeeping
- Personnel Demobilisation.

3:2 TERMS AND CONDITIONS

- Please note that any days exceeding 15 days of site service will be charged on per day rate mentioned in above table.
- Accommodation, feeding & movement between site location and hotel needs to be provided by customer.
- Mobilization/Demobilization customer shall be responsible for pick-up of Geobet Engineer from SPDC IA office to site and return to the office after job completion.
- Security of our personnel while at site shall be customer's responsibility.



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5th October, 2017

Dear Sir,

SPDC

IA

PORT HARCOURT

Dear Sir,

COMMERCIAL TENDER FOR INTEGRATION OF GBARAN UBIE NAG SLUG CATCHERS CORIOLIS METERS PARTICULARS

S/NO	DESCRIPTION OF GOODS	AMOUNT \$ (USD)	REMARKS
1	IN-HOUSE WORK	19,520.35	REFERENCE SECTION 3.1
2	SITE WORK, SAT AND COMMISSIONING	13,529.65	REFERENCE SECTION 3.2 MAX 15 DAYS AS CONSIDERED FOR SITE WORK. DAYS ACTUALLY SPENT ON SITE WILL BE CHARGEABLE
3	MOBILIZATION AND DEMOBILIZATION	700.00	
SUB-TOTAL \$ 33,750.00			

YOURS FAITHFULLY,
GEOBET SERVICES LIMITED

GEORGE E. NWANZE
(MANAGING DIRECTOR)