

**TRANSNET PIPELINES****TENDER NUMBER: TPL/2024/05/0002/67128/RFP****DESCRIPTION OF THE SERVICE: FOR THE PROVISION OF HYDROCARBON SPILL RESPONSE (PRODUCT CONTAINMENT AND RECOVERY) AT THE TRANSNET PIPELINES FACILITIES (PIPELINE NETWORK AND DEPOTS) LOCATED IN GAUTENG, MPUMALANGA, FREE STATE AND NORTH - WEST PROVINCES ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THREE (3) YEARS**

PART C2: PRICING DATA

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C2.1 Pricing Assumptions: TSC Option E

The conditions of contract

2.1.1. Pricing Instructions

- 2.1.1.a. The *Contractor* shall be paid under Option E for services performed.
- 2.1.1.b. The staff rates are the prices charged for staff and shall include for all the costs to the *Contractor*, including basic salary, any additional payments or benefits and social costs, overhead charges incurred as part of normal business operations including the cost of management, as well as payments to administrative, clerical and secretarial staff used to support professional and technical staff in general and not on a specific project only.
- 2.1.1.c. The total annual cost of employment of a person is the total amount borne by the *Contractor* in respect of the employment of such a person per year, calculated at the amounts applicable to such a person at the time when the services are rendered, including basic salary, or a nominal market related salary, fringe benefits not reflected in the basic salary, including normal annual bonus; *Employer's* contribution to medical aid; group life insurance premiums borne by the *Contractor*; the *Contractor's* contribution to a pension or provident fund; and all other benefits or allowances payable in terms of a letter of appointment, including any transportation allowance or company vehicle benefits, telephone and/or computer allowances, etc and amounts payable in terms of an Act including, but not limited to, the Basic Conditions of Employment Act. Hence, staff rates are to include for all burdens/on-costs, statutory holidays and all leave entitlements (normal leave, sick leave, family responsibility leave, etc.) in terms of such person's conditions of employment and/or in terms of the Basic Conditions of Employment Act.
- 2.1.1.d. The staff rates shall include for all necessary protective clothing, standard equipment required to carry out their duties.
- 2.1.1.e. Rates quoted in Part C2.2 of the Pricing Schedule are deemed to include for tools, consumables and all other equipment required to carry out the required scope of service.
- 2.1.1.f. The *Contractor* and their employees will be required to undergo a medical examination and safety induction on commencement of service and exit medical examinations on completion of contract.
- 2.1.1.g. The staff rates derived from the Part C2.2 which include *Contractor's* mark-up but excludes value added tax.



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2.1.1.h. During emergency response and spill stabilisation phase, the *Contractor* is to mobilise the predefined people and equipment as instructed by the *Service Manager* and may not supply any further people or equipment unless prior approval is obtained.

2.1.1.i. During containment of spill and product recovery phase, the *Service Manager* will instruct the *Contractor* to prepare a forecast of the final total of Prices for a Task using the rates from the Price List as well as detailed programme.

2.1.2. Expenses

2.1.2.a All costs for materials, medicals, access permits and all other costs (approved by the *Service Manager*), other than the man hours costs are to be charged at cost plus the agreed fee (as per C1.2 Contract Data).

2.1.3. Fixed Price contract

2.1.3.a This contract is for a 36 - month period. All costs will be fixed for 12 months, thereafter, will be subject to escalation from the base date as stipulated in the Contract Data.

2.1.4. Measurement and Payment

2.1.4.a The Price list provides the basis of all valuations of the Price for services provided to date, payments and general progress monitoring.

2.1.4.b The amount due at each assessment date is based on activities and or / milestones completed as indicated on the Price List and in accordance with the accepted Task Order programme issued by the *Contractor*.

2.1.4.c The Price List provided by the *Contractor* shall be on the based on the Price List provided by the *Employer*.

2.1.4.d The Prices are obtained from the Price List, the prices includes for all direct and indirect such as (but not limited to) overheads, profits, risks, liabilities, obligations, subsistence allowances etc. relative to the contract.

2.1.4.e Normal working hours considered as Monday for Friday 7:30 am to 5pm, thereafter overtime rate applicable, lunch hour excluded.

C2.2 Price List



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2.2.1 Staff Rates and Expenses

<u>GENERAL SERVICES</u>
<u>PREAMBLES</u>
The Tenderer is required to provide all resources and equipment as set out in the pricing data and corresponding Service Information.
Rates quoted in the tender are deemed to include for the following: <ul style="list-style-type: none"> • All direct and indirect charges (overheads and profit). • Personal protective equipment. • Small tools, transport and minor consumables.
The <i>Contractor</i> may not add or reduce resources without instruction of the <i>Service Manager</i> .
Rates for vehicles are inclusive of fuel, maintenance and any other indirect cost.
All materials purchased under the provisional allowance by the <i>Contractor</i> will be reimbursed by the <i>Employer</i> (supported by proof of purchase) with the applicable mark-up as entered by the <i>Contractor</i> in the Contract Data.
<i>Contractor</i> to monitor attendance and hours worked of staff through use of electronic biometric clocking system or similar approved.
All materials and / or items by the <i>Contractor</i> and approved by <i>Service Manager</i> will be reimbursed by the <i>Employer</i> supported by proof of purchase with the applicable fee percentage in the Contract Data.
Should the incident not require the full complement of People and equipment, the <i>Service Manager</i> may instruct the <i>Contractor</i> to remove underutilised People and / or Equipment off site and adjust the Price accordingly.
The <i>Contractor</i> to ensure all vehicles are equipped with GPS based tracking system which will enable the <i>Contractor</i> to substantiate vehicle travel log with information supplied by tracking system.
Should the <i>Contractor's</i> equipment be idle for prolonged period of time, the dry rate for Equipment will be applied, as instructed by the <i>Service Manager</i> . All earth moving Equipment i.e. TLB, Excavator etc. to be fitted with hour meter.

ESTIMATE OF COSTS : INLAND SITES

EMERGENCY RESPONSE SPILLS: CONTAINMENT AND RECOVERY CONTRACT FOR TPL SITES (DEPOTS, PIPELINES AND WORKSHOPS) LOCATED IN GAUTENG, FREE STATE, MPUMALANGA AND NORTH WEST, ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THREE YEARS

ITEM	DESCRIPTION	Unit	QUANTITY	RATE	AMOUNT
1	Personnel				
1.1	Incident commander/ hour (Normal hours)	Hour	16,065		
1.2	Incident commander/ hour (After hours)	Hour	7,047		
1.3	Hazmat technician/ hour (Normal hours)	Hour	64,575		
1.4	Hazmat technician/ hour (After hours)	Hour	9,963		
1.5	Hazmat responder/ hour (Normal hours)	Hour	64,575		
1.6	Hazmat responder/ hour (After hours)	Hour	7,047		
1.7	Hazmat supervisor/ hour (Normal hours)	Hour	17,955		
1.8	Hazmat supervisor/ hour (After hours)	Hour	13,851		
1.9	Hazmat operator/ hour (Normal hours)	Hour	18,765		
1.10	Hazmat operator/ hour (After hours)	Hour	5,549		
1.11	Hazmat assistant/ hour (Normal hours)	Hour	288,225		
1.12	Hazmat assistant/ hour (After hours)	Hour	117,855		
1.13	Security Guard/ hour (Normal hours)	Hour	22,440		
1.14	Security Guard/ hour (After hours)	Hour	18,984		
1.15	SHE officer (Normal hours)	Hour	9,923		
1.16	SHE officer (After hours)	Hour	3,605		
2	Diesel Vehicles				
2.1	Light Duty Vehicle (LDV) 1 ton	Day	3,690		
2.2	Light Duty Vehicle (LDV) 1 ton	Km	297,000		
2.3	Light Duty Vehicle (LDV) 4X4 Double Cab	Day	3,690		
2.4	Light Duty Vehicle (LDV) 4X4 Double Cab	Km	297,000		
2.5	Minibuses/ People Movers	Day	1,530		
2.6	Minibuses/ People Movers	Km	253,800		
2.7	4-ton truck (including driver)	Day	1,872		
2.8	4-ton truck	Km	253,800		
2.9	10 Ton crane truck (Including operator or driver)	Day	630		
2.10	10-ton crane truck	Km	91,800		
2.11	Hazmat trailer single axle	Day	432		
2.12	Hazmat trailer double axle	Day	432		
2.13	30 000 l Tanker (Hydrocarbons) including driver	Day	900		
2.14	30 000L tanker (hydrocarbons)	Km	432,000		
2.15	40 000L tanker (Hydrocarbons) including driver	Day	900		
2.16	40 000L tanker (hydrocarbons)	Km	432,000		

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2.17	Skip truck and trailer (16 bin) (Including operator or driver)	Day	216		
2.18	Skip truck and trailer (16 bin)	km	90,000		
2.19	Super sucker (Including operator or driver)	Hours	7,776		
2.20	Super sucker	Km	104,400		
2.21	TLB (4X4) Wet Rate (Including operator/driver)	Hour	8,586		
2.22	TLB (4X4) Dry Rate (Including operator or driver)	Hour	1,296		
2.23	Excavator 20 ton Wet Rate	Hour	225		
2.24	Excavator 20 ton Dry Rate	Hour	90		
2.25	Excavator 30 ton Wet Rate	Hour	153		
2.26	Excavator 30 ton Dry Rate	Hour	81		
2.27	Roll on/ Hooklift truck (Including Operator or Driver)	Day	180		
2.28	Roll on/ Hooklift truck	km	81,000		
2.29	Transport of earth moving equipment to site 4X4 TLB (Including operator or driver)	km	73,800		
2.30	Transport of earth moving equipment to site 20 ton excavator/30 ton excavator (Including operator or driver)	km	50,400		
3	Hosing				
3.1	10m petroleum hose 2 inch couplings with fittings	Hour	3,096		
3.2	10m petroleum hose 3 inch couplings with fittings	Hour	1,656		
3.3	30m lay flat hose 2 inch	Hour	936		
4	Equipment				
4.1	Spate pump	Hour	4,536		
4.2	Compressor (190cfm) Wet Rate	Hour	2,916		
4.3	Compressor (190cfm) Dry Rate	Hour	684		
4.4	2 inch air operated diaphragm pump	Hour	5,616		
4.5	3 inch air operated diaphragm pump	Hour	972		
4.6	Hydraulic power pack and positive displacement pump (applicable for crude application +/- 25 000 litres/hour)	Hour	216		
4.7	Generator 5KVA Wet Rate	Hour	1,152		
4.8	Generator 30KVA - Wet Rate	Hour	216		
4.9	Disk skimmer	Hour	3,888		
4.10	Floating weir skimmer	Hour	2,232		
4.11	Emergency lights (flame proof)	Hour	11,664		
4.12	High pressure cleaner (200 bar)	Hour	180		
4.13	High pressure cleaner (750 bar)	Hour	180		
4.14	Decontamination shower	Day	100		
4.15	Orange Barrier Netting 1m high with mild steel uprights @ 2m centres. Supply and install	Metre	600		

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4.16	1.4m high close mesh 150mm Bonox fencing (or equivalent) with mild steel Y-post uprights @10m centres. Supply and install	Metre	161		
4.17	75mm Diamond mesh fence 1.8m high mild steel Y-post droppers at 5m centres. Supply and install	Metre	161		
4.18	Mild steel farm gate comprising of 2 leafs 3000mm long x 1200mm high with 1.6mm wire fencing hung on timber posts at either end. Supply and install	Each	4		
4.19	Skid-mounted 10,000lt Oil/Water Separator Air Stripped	Day	20		
5	Storage Tanks				
5.1	2,500 litre temporary storage tank	Day	522		
5.2	6m shipping container (site storage)	Day	810		
5.3	6m shipping container (site office)	Day	180		
5.4	Sludge bins 7 m3 leak-proof	Day	774		
5.5	Skips (6m3 leak-proof with tarpaulin cover)	Day	504		
5.6	Flow bins (1000 litres)	Day	702		
5.7	30m ³ rolon container	Day	90		
5.8	10m ³ rolon bullet	Day	630		
5.9	10,000 litre JOJO tanks (Heavy Duty)	Day	3,978		
6	Absorbents				
6.1	Oil absorbent -100lt bag	Bag	2,989		
6.2	Oil absorbent -200lt bag	Bag	2,089		
6.3	Oil absorbent (loose fibre) -100lt bag	Bag	2,089		
6.4	Oil absorbent (loose fibre) -200lt bag	Bag	2,089		
6.5	Oil absorbent booms - 200mm diax4m	Each	1,495		
6.6	Oil absorbent booms - 200mm diax6m	Each	1,495		
6.7	Oil absorbent booms - 200mm diax10m	Each	955		
6.8	Spark proof plastic shovel	Each	2,431		
6.9	Oil absorbent cushions (50 cmx 50cm) pack of 10	Pack	1,495		
6.10	Oil absorbent white pads 100 pack	Pack	1,495		
6.11	Oil absorbent white rolls 40m roll	Pack	1,495		
6.12	Chemical absorbent polypropylene scatter (5kg)	Each	1,495		
6.13	Chemical absorbent rolls (40m roll)	Bag	1,495		
7	Degreasers				
7.1	Degreasers for tar surfaces	25 litre	15		
7.2	Degreasers for concrete surfaces	25 litre	15		
			161		

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8	Sundries				
8.1	Confined space respiratory protective system (4 men system)	Day	8		
8.2	Gas detection equipment	Day	26		
8.3	Heavy duty plastic bags and ties	Each	3,040		
8.4	Rags	12kg bale	604		
8.5	Field equipment and disposables	Day	35		
8.6	30m x 6m builders plastic sheeting (150 micron)	Roll	7		
8.7	Guard hut rental	Day	1,422		
8.8	Mobile toilet rental	Day	2,844		
8.9	Sandbag	Each	280		
8.10	Accommodation	Day	13,860		
8.11	PVC Plastic Pipe (4 inch)	Meter	23		
9	Small Tools				
9.1	Oil /water interface probe	Day	1,140		
9.2	Heavy duty scaffolding	m3/ Day	26		
9.3	Pipe Jacks	Day	128		
9.4	Air operated extractor fan (compressor driven)	Day	272		
9.5	Brusher cutter (including fuel cost)	Day	742		
10	Containment				
10.1	Foam filled fence boom- 5m length	Day	14,410		
10.2	Inflatable river boom- 5m length	Day	14,410		
10.3	Foam filled harbour boom 25m length	Day	1,090		
10.4	Foam filled ocean boom 25m length	Day	3,340		
10.5	Boom reel trailer	Day	352		
10.6	Boat 10hp motor	Day	136		
10.7	Boat 50hp motor	Day	136		
10.8	Repair putty	per Stick	61		
10.9	Dammit mats 650X 450 (2per box)	Box	106		
10.10	Dammit mats 450X 450 (2per box)	Box	106		
10.11	4 Drum poly spill deck	Day	172		
10.12	IBC spill deck	Day	676		
11	Backfill Materials				
11.1	Topsoil/backfill soil	m ³	2,520		
11.2	Padding/bedding sand as per TPL specification	m ³	1,512		
	TOTAL FOR ALL SITES				R

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NOTE:

- Travelling time to and from site is not considered as working time.
- Cost for medicals for each employee must be factored in the rate of the resources.