



Tender No.
GERMI/PRW/2014/002

GUJARAT ENERGY RESEARCH & MANAGEMENT
INSTITUTE (GERMI)

1st Floor, Energy Building,
Pandit Deendayal Petroleum University Campus,
Raisan, Gandhinagar, Gujarat - 382 007, INDIA
Phone: +91 79 2327 5364
Fax: +91 79 2327 5380
Web: www.germi.org

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**GUJARAT ENERGY RESEARCH AND MANAGEMENT INSTITUTE INVITES
QUOTATIONS FOR PROCUREMENT OF DIFFERENT LABORATORY ITEMS
INCLUDING TOOLS, CHEMICALS, ACCESORIES ETC.**



Last date for submission of
quotations: 14th May, 2014

1. Detailed Scope of Supply

1.1 Item rate quotations are invited for supply of following items for the petroleum research wing of GERMI:

Part 1: Soil core sampling tools

Sr. No.	Particulars	Quantity
1.	6" Dia. Steel bars weight 20 kgs, length 6"	01
2.	6" Dia. Steel bars weight 30 kgs, length 9"	01
3.	5" Steel round bar	01
4.	32 mm round steel plate with bottom soft welding	02
5.	Hackshaw blade stand	01
6.	Hackshaw blades	02
7.	1.5 kg Hammer (small)	01
8.	5 kgs Hammer (small)	01
9.	1.5 mts long steel chain with nut and bolt	01
10.	2 mts length, 62 mm hole G.I. pipe	03
11.	3 mts length, 62 mm hole G.I. pipe	03
12.	1.5 mts length, 12 mm steel bar	03
13.	Chain spanner 6"	02

Part 2: GPS

Sr. No.	Particulars	Quantity
1.	Global Positioning System (GPS)	01
	<u>Specifications</u> Unit Dimensions: WxHxD = 2.7"x6.2"x1.2" Display Resolution: WxH = 160x240 pixels Display Type: 256 color transfective TFT Battery: 2 no.s of AA battery Battery Life: Upto 18 hours Built in memory Accepts data cards cfacility Auto tacking facility Way points/locations: upto 1000	

Part 3: Chemicals

Sr. No.	Particulars	Grade	Volume	Quantity
1.	Hydrofluoric Acid	AR Grade	500 ml	04
2.	Lithium Carbonate	AR Grade	500 gms	01
3.	Calcium Carbonate	AR Grade	500 gms	01
4.	Magnesium Sulphate Hepta Hydrate	AR Grade	500 gms	01

5.	Potassium di-hydrogen Phosphate	AR Grade	500 gms	01
6.	Di-Potassium Hydrogen Phosphate	AR Grade	500 gms	01
7.	Ammonium Chloride	AR Grade	500 gms	01
8.	Ferrous Sulphate	AR Grade	500 gms	01
9.	Cobalt Chloride Hexa Hydrate	AR Grade	500 gms	01
10.	Zinc Sulphate Hepta-Hydrate	AR Grade	500 gms	01
11.	Di-Sodium Molybdate Dihydrate	AR Grade	500 gms	0101
12.	Manganese Chloride Tetra Hydrate	AR Grade	500 gms	01
13.	Copper Chloride Dehydrate	AR Grade	500 gms	01
14.	Nickel Chloride Hexa Hydrate	AR Grade	500 gms	01
15.	Potassium Nitrate	AR Grade	500 gms	01
16.	Sodium Nitrate	AR Grade	500 gms	01
17.	Ferric Chloride	AR Grade	500 gms	01
18.	Agarose	AR Grade	100 gms	02
19.	Nitric Acid	AR Grade	500 ml	02
20.	Perchloric Acid (HClO ₄)	AR Grade	250 ml	04
21.	Methanol	AR Grade	2.5 L	02
22.	Iso-Propyl Alcohol	AR Grade	2.5 L	02
23.	Butanol	AR Grade	500 ml	02
24.	n-Hexane	AR Grade	500 ml	04
25.	Glycerol	AR Grade	500 ml	01
26.	Vacuum Grease	Standard	100 gms	01
27.	Algal growth medium broth	Standard	500 gms	01
28.	Algal Agar media	Standard	500 gms	01
29.	Nutrient Agar	Standard	500 gms	02
30.	Nutrient Broth	Standard	500 gms	02
31.	Bushnell Hass Broth	Standard	500 gms	01
32.	Bushnell Hass Agar	Standard	500 gms	01
33.	Brilliant Green Lactose Bile (BGLB) Broth 2%	Standard	500 gms	01
34.	Eosin Methelene Blue Agar	Himedia	100 gms	01
35.	Pringsheims Medium	Himedia	100 gms	01
36.	Grams Staining Kit	Himedia		01
37.	Kovacs Indole Reagent	Himedia		01
38.	Silica	AR Grade	500 gms	01

Part 4: Single Element Standards for Atomic Absorption Spectroscopy

Sr. No.	Particulars	Capacity	Quantity
1.	Iridium-Ir (Atomic Absorption Spectroscopy standard solution) – conc. 1000 mg/L	250 ml	01
2.	Lanthanum-La (atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
3.	Lithium-Li (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01

4.	Mercury-Hg (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
5.	Selenium-Se (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
6.	Zirconium-Zr (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
7.	Gallium-Ga (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
8.	Copper-Cu (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
9.	Gold-Au (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
10.	Zinc-Zn (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
11.	Rubidium-Rb (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
12.	Chromium-Cr (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
13.	Barium-Ba (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
14.	Vanadium-V (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
15.	Platinum-Pt (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
16.	Antimony-Sb (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
17.	Arsenic-As (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
18.	Indium-In (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
19.	Tungsten-W (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
20.	Molybdenum-Mo (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01
21.	Rhodium-Rh (Atomic Absorption Spectroscopy standard solution) conc. 1000 mg/L	250 ml	01

Part 5: Glassware

Sr. No.	Particulars	Grade	Capacity	Quantity
1.	Beaker	A Grade	20 ml	20
2.	Beaker	A Grade	50 ml	05
3.	Beaker	A Grade	100 ml	05
4.	Beaker	A Grade	250 ml	05

5.	Beaker	A Grade	500 ml	05
6.	Beaker	A Grade	1000 ml	05
7.	Conical Flask	A Grade	100 ml	05
8.	Conical Flask	A Grade	250 ml	05
9.	Conical Flask	A Grade	500 ml	05
10.	Conical Flask	A Grade	500 ml	05
11.	Volumetric Flask	A Grade	1000 ml	05
12.	Volumetric Flask	A Grade	250 ml	02
13.	Measuring Pipette	A Grade	500 ml	02
14.	Measuring Pipette	A Grade	1 ml	02
15.	Measuring Pipette	A Grade	2 ml	02
16.	Autoclavable Glass Petri Dish/Petri-plate	A Grade	90 x 15 mm	100
17.	Test Tubes without rim (18mm OD)	A Grade	20 ml	500
18.	Amber colored bottles	A Grade	100 ml	05
19.	Glass spreaders/L-shape rods	Standard		10
20.	Glass Membrane filtration unit without heating mantle, membrane dia 25 mm, funnel cap. 25 ml, flask cap. 500 ml	Standard	500 ml	01
21.	Soxhlet extraction unit	Standard	500 ml	01
22.	Glass column for extraction without heating mantle	A Grade	50 ml	01
23.	Vacuum Glass Dessicator	Standard	150 DN	01

Part 6: Miscellaneous items

Sr. No.	Particulars	Grade	Capacity	Quantity
1.	Teflon Beakers with lids		25 ml	10
2.	Teflon Lids		25 ml	10
3.	Non-Absorbent cotton roll			04
4.	Absorbent Cotton roll			02
5.	Test tube caps for 20 ml capacity (18 mm OD)	Himedia		500
6.	Test tube rack/stand for 20 ml capacity (~20 mm OD)			05
7.	Disposable Petri plates P.P.		90 x 15 mm	500
8.	Durham Tubes	Himedia		200
9.	Pipette Tip box (For 1 ml tips)	Autoclavable	01 ml (Blue)	02
10.	Pipette Tips box (for 0.2 ml tips)	Autoclavable	0.2 ml (Yellow)	02
11.	Pipette Tips-white		05 ml	01 pk (500 no.s)
12.	Pipette Tips-blue		01 ml (Blue)	01 pk (500 no.s)
13.	Pipette Tips-yellow		0.2 ml	01 pk (500)

			(Yellow)	no.s)
14.	Centrifuge test tubes PP		15 ml	50
15.	Centrifuge test tubes PP		50 ml	10
16.	Para film roll		2"	01
17.	Plastic water can		5 L	03
18.	Tissue paper roll			25
19.	Paraffin Wax paper			25
20.	Spatula Stainless Steel			10
21.	Test Tube cleaning brushes			10
22.	Glassware cleaning brushers – medium size			10
23.	Glassware cleaning brushers – large size			10
24.	Membrane filter (45 micron)			01
25.	Acid resistant measuring jar PP		10 ml	03
26.	Spirit lamp, Aluminium material			02
27.	Vertical Laminar Flow Cabinet			01
28.	Inoculation Loop			10
29.	Microscopic Slides			02
30.	Microscopic depression slides			01
31.	Microscopic cover slips			02
32.	Retort stand, steel, powder coated standard size with retort rings			02
33.	Laboratory clamps, universal, brass			02
34.	Burette stand PP			02
35.	Vacuum pump, Max Vacuum 22", Max Pressure 25 PSIG, Motor 1/20, Oil Free			01
36.	Single channel Micro-pipettes (adjustable, with tip ejector, fully autoclavable, with high accuracy)	Standard	0.5 to 5.0 ml	01
37.	Single channel Micro-pipettes (adjustable, with tip ejector, with high accuracy)	Standard	100 to 1000 µl	01
38.	Single channel Micro-pipettes (adjustable, with tip ejector, fully autoclavable, with high accuracy)	Standard	20 to 200 µl	01
39.	Single channel Micro-pipettes (adjustable, with tip ejector, fully autoclavable, with high accuracy)	Standard	01 to 10 µl	01

1.2 The Supplier can quote separately for each part based on the availability of items.

1.3 Prices should be quoted all inclusive for each item inclusive of all taxes, transportation and installation charges, if any.

1.4 No other charge shall be paid.

2. Instructions to Suppliers

2.1 Submission of quotation

- 2.1.1 Last date for submission of quotation is 14th May, 2014 before 1700 hrs. Director, GERMI reserves the right to reject any/all offers without assigning any reasons thereof.
- 2.1.2 The envelop should be properly sealed, clearly mentioning on the top of it “**Quotations for different laboratory items for PRW Lab** - Tender No. GERMI/PRWL/2014/002.
- 2.1.3 Quotations should be submitted to:

The Director

Gujarat Energy Research and Management Institute,

1st Floor, Energy Building, Pandit Deendayal Petroleum University Campus,
Raisan Village, Gandhinagar, Gujarat – 382007, India

Phone: +91 79 2327 5364

Fax: +91 79 23275380

Email: madhu.c@germi.org

Any queries related to the scope of supply may be addressed to the above stated to Ms. Madhu Choudhary on above given contact details.

2.2 Schedule of fiscal aspects

- 2.2.1 Date of commencement: Immediately upon issuance of Work Order.
- 2.2.2 Period of completion: Fourteen days (14) days from the date of purchase order date.
- 2.2.3 Liquidated damages: 0.5 % of the purchase order value per week of delay to a maximum of 5.0% of purchase order value.
- 2.2.4 Terms of payment: 100% payment shall be made after satisfactory delivery of items at GERMI office.

3. General Terms and Conditions

3.1 General Instructions:

- 3.1.1 GERMI reserves the right to reject the quotation without assigning any reason thereof.
- 3.1.2 The work should be carried out in accordance with the directions of GERMI.
- 3.1.3 The time allowed for completion of work shall be **Fourteen (14) days**, which shall be reckoned from the date of issue of Purchase Order.
- 3.1.4 The Quotation should remain valid for **at least 45 days**.
- 3.1.5 Income tax and other statutory dues shall be deducted from the Supplier's bill as per Govt. of India rules.
- 3.1.6 The Supplier shall ensure compliance of all statutory laws and bylaws of the Central Govt./State Govt./Municipal authorities related to the employment of their staff and all such obligation under Wage Act, Workmen Compensation Act, ES-II Act, Provident Fund and Miscellaneous Provisions Act, Bonus Act, and Contract Labor Act, 1970 etc. and GERMI will not be responsible for such purposes in any way.
- 3.1.7 No escalation in any form either of materials or labor shall be payable by GERMI.
- 3.1.8 Time allowed for completion of work shall be strictly followed; otherwise the Supplier shall be liable to pay compensation at the rate of 0.5 % of the purchase order value of the job undone per week of delay on the part of the Supplier subject to a maximum of 5% of the total purchase order value.
- 3.1.9 No claim for any compensation during the extended period shall be entertained and GERMI's decision in this regard shall be final.
- 3.1.10 All or any Claim(s), dispute(s) or difference(s) arising out of or in with connection with this agreement shall be subject to the jurisdiction of the Courts at Gujarat only.

3.2 Terms of Payment

- 3.2.1 The normal terms of payment are 100% of the payable amount shall be paid within 30 days time after receipt of invoice/bill through cheque.
- 3.2.2 Subject to any deduction which GERMI may be authorized to make, the Supplier shall be entitled to payment as follows:
 - a) All payments shall be made in Indian Rupees.
 - b) The Supplier shall submit the bill / invoice for the work executed showing separately VAT, Service Taxes and any other statutory levies in the bill / invoice.