## REQUEST FOR QOUTATIONS

# DEWATERING EQUIPMENTS FOR NSUSC.

NSUSC intends to procure 10 complete sets of Dewatering Units /Equipments for wastewater and storm water management for TMAs of Khiarpur Mir's and Shikarpur.

Interested suppliers / dealers are requested to quote prices of equipments as per following specifications.

	Description
	10 Complete SETS as Per Specifications
Spec.	Mobile Trolley Mounted Non-Clogging Sewerage /Storm water De-watering , Self Priming Diesel Engine pumps with following specifications:
	D.——
	Pump Connection 4.2 and a second
	Capacity :1.2 cusec Head: 80feet
	Max Solid: 40mm
	Wax Solid. 4011111
	DRIVE
	Foreign made, Diesel Engine 16~18HP or 6.7kW (+/- 5%) at 1600~1800rpm, water cooled and closely coupled with pump or equivalent.
	Suction & Discharge Pipe
	4 inch dia suction Hose Assembly of armoured rubber flexible or equivalent hose pipe two pieces (20ft total length), each 10ft flanged length without foot valve typical vacuum pressure 0.8bar, and working pressure 10 bars.
	4 inch Delivery Hose Assembly of armoured rubber flexible or equivalent hose pipe in two pieces (20ft total length), each 10ft flanged length. All bends, reducers, coupling and specials are included working pressure 10 bar
	4 inch dia Layflat Delivery Hose of 1000ft length for working pressure of 4bars, ball and socket connectors and other specials.
	<u>Material</u>
	Impeller: Cast Iron: ASTM. A48
	Shaft: Stress proof SAE1144 Steel
	Shaft Sleeve: Ductile Iron or equivalent
	Seal: Mechanical Seal oil lubricated
	Trolley
	The pump and diesel engine shall be mounted on as suitable steel structure trolley made of 3inch $\times$ 3 inch $\times$ 3/8 inch steel frame of 1 section , approximate size Width 2.5 ~ 4 feet and Length 5.5 ~ 8 feet long trolley up to towing eye with 2 wheels suitably sized to be coupled with vehicle The Trolley frame should be fitted with suitable eye for towing the pump and engine in level position and an eye for towing the pump behind a jeep. The trolley must have a suitable platform to hold and store.
	Health and Safety equipments ONE set for each pump
	Ear Defenders
	Gloves
	Boots/safety footwear Protective clothing
	Protective clothing
	Test Run
	A full load running test for 3 hours at site including fuel and other requirements.
	Warranty

## NORTH SINDH URBAN SERVICES CORPORATION (NSUSC) LIMITED

One year on-site replacement warranty from the supplier/vendor.

#### Additional Supplies of spare parts etc

2 sets of necessary spare parts for maintenance with each pump set.

#### **Drawing and Operational Manual**

Drawing should also be submitted with quotation on suitable scale showing all details of diesel engine pump and trolley including different views (Top, L-section and X-Section) and Operational Manual for each pump set.

## Training

1 day training for operators and technical staff (maximum number- 10 persons) of NSUSC at Sukkur at the cost of supplier/vendor.

#### Visibility

Colour: Yellow

Write-up: "NSUSC" with its LOGO on pump and trolley as approved by NSUSC management.

Quotation Validity: 90 days from date of opening of quotations.

## **Delivery Period**

4~6 weeks

Complete pump sets shall be delivered on site as per instructions of purchaser in different NSUSC operation Units as required.

### Payment:

75% payment Against delivery and 25% on satisfactory test run of pumps on site.

NO ADVANCE PAYEMENT SHALL BE MADE; ALL TAXES AS PER RULE SHALL APPLY.

- The interested firms/vendors/suppliers should submit their quotation together with 2% of earnest money of quotation value (refundable).
- The firm /vendors/suppliers whose offer will be determined to be the lowest evaluated and is substantially responsive to the technical specifications may be considered for award of work and will subsequently required to furnish Performance Security for 10% of the work order.
- The firms/ vendors/suppliers are requested to give their best and final prices including taxes for supplies, installation, commission and test run as no negotiations on the prices are allowed. The NSUSC reserves the right to accept or reject any or all quotations without assigning any reason.
- The firm/vendor/supplier should have supplied similar pumps of Rs.20million in last 2 years
- The firm/vendor/supplier should demonstrate experience of maintenance of such pumps and should have workshop.
- · The firm/vendor/supplier should have after sale services facilities.

DEADLINE FOR SUBMISSION OF QOUTATION IS 11:00 AM on 25<sup>TH</sup> JANUARY 2011 OPENING OF QUOTATION AT 11:30 AM ON 25<sup>TH</sup> JANUARY 2011

## ABID HUSSAINY

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