



No. UCG/Tender/Mech-101(R)/2013

August 30, 2013

Subject: **Tender for Cooling Tower.**

UCG Thar Project is interested in the purchase of following items on FOR UCG Site basis (Islamkot).

S. No	Description	Unit	Qty
A1	- Cooling Tower (Induced Draft Type)	Nos	1
	- $\Delta T$ inlet/outlet water = 10°C		
	- Cooling tower casing & basin FRP		
	- Maximum inlet temperature of cooling water for compressor 35°C @ 40 Ton/Hr		
	- Water inlet/outlet pipe diameter of compressor = 2 1/2"		
	- The hot water pressure coming out of compressor 3-6 bar		
	- Compressor shaft power 270 KW		
- Max. Temp. 50°C & Min temp 0°C at UCG Site Thar			
The relative humidity in summer is about 40-70% whereas in winter is 15-25% with 1 Nos. spare motors of Siemens or equivalent			
A2	<b>C.S. Pipe</b>		
	- Pipe Length Dia 2 1/2" Sch - 20	Meter	60
	- Elbow Size 2 1/2"	Nos	12
	- Tee Size 2 1/2"	Nos	12
	- Strainer Size 4"	Nos	3
	- CS Ball Valve (SS316) Size 2 1/2" (Threaded Type.)	Nos	18
<b>Note.</b> Good quality of pipe with complete accessories is required.			
B1	- Cooling Tower (Induced Draft Type)	Nos	1
	- $\Delta T$ inlet/outlet water = 10°C		
	- Cooling tower casing & basin FRP		
	- Maximum inlet temperature of cooling water for compressor 35°C @ 20 Ton/Hr		
	- Water inlet/outlet pipe diameter of compressor 1 1/2"		
	- The hot water pressure coming out of compressor 1-3 bar		
- Compressor shaft power 90 KW			

- Max. Temp. 50°C & Min temp 0°C at UCG Site Thar		
The relative humidity in summer is about 40-70% whereas in winter is 15-25% with 1 Nos. spare motors of Siemens or equivalent		

<b>B2</b>	<b>C.S. Pipe</b>		
	- Pipe Length Dia 1 1/2" (Sch = 20)	Meter	60
	- Elbow Size 1 1/2"	Nos	12
	- Tee Size 1 1/2"	Nos	12
	- Strainer Size 1 1/2"	Nos	3
	-CS Ball Valve (SS316) Size 1 1/2" (Threaded type) Class - 150	Nos	18
	<b>Note.</b> Good quality of pipe with complete accessories is required.		
<b>C</b>	<b>WATER STORAGE TANK</b>		
	- Water storage Tank plastic/Fiber, double line & double ply heavy duty	Nos	1
	- Capacity 5000 Liters (1322 Gallon)		
	- Type = Horizontal with saddle reinforcement for stand		
<b>Note.</b> Good quality of plastic/Fiber material tank is required.			

- Blank tender forms can be collected from the office of Manager (Admin & Accounts), UCG Project Thar, upto **20-09-2013 at 12:00 Noon**, during office hours after depositing the tender fee amounting to **Rs.200(Non Refundable)** in the shape of pay order in favor of Accounts Officer, UCG Thar Project, Islamkot.
- The tenders will be received backup to **21.09.2013 at 11:00** and will be opened on the same day at **12:00hrs** in the presence of Purchase Committee and the bidders or their authorized representatives who wish to be present.
- Bid Security amounting to 2% of Bid Price should be submitted along with the Bid in shape of Pay Order in favor of Accounts Officer, UCG Thar Project, issued by any scheduled Bank of Pakistan.
- The bid security will be forfeited to the Government, if the bidder withdraws his bid after opening and before the expiry of the bid validity period or fails to sign the contract if the bid is accepted.
- Amount of the tender is below Rs.01 Million.
- Installation & Commissioning of the subject item is the part of the tender.
- Conditional tender and tender without bid security shall not be considered.
- GST/Income Tax Exemption Certificates, as the case may be, must be accompanied with the tender.

- i) The procuring agency may amend quantities / reject all or any bid at any time prior to the acceptance of a bid or proposal, subject to the relevant provision of SPPRA Rules 2010.
- j) Only sealed quotations duly stamped are accepted. Tender envelope should bear the tender No.UCG/Tender/Mech-101(R)/13 and Limited Tender for Cooling Tower.

*Jatwinda*  
**Assistant Manager (Admin.)**

UCG-Thar Project Site,

C/O Manager,

National Bank of Pakistan

Islamkot.

Ph: 0232-923036-38