

OIL & GAS DEVELOPMENT COMPANY LIMITED

UCH GAS FIELD, DERA BUGTI-BALOCHISTAN

Annexure-A

Schedule of Requirement

Tender Enquiry No. PROC (L)-WT/UCH-II (COOLING TOWER)/MECH-001/2022

"SUPPLY OF COOLING TOWER SHEETS & SERVICES"

Sr.#	Item Description	UOM	Reqd. Qty.
01	Supply of Cooling Tower Casing Sheets: Material/Type: Fiberglass (FRP) Corrugated/Ribbed Sheets (Machine Made Homogeneous finish both side): Thickness of Sheet = 2mm, Color: Grey i- 1750mm (5.74ft) x 7250mm (23.78ft); Qty: 32 Nos. ii- 1750mm (5.74ft) x 2050mm (6.72ft); Qty: 32 Nos. Total Area of 01 Cell: 61ft x 5.74 ft = 350 Sq.Ft No. of Cell x No. of Cooling Towers: 08x02 = 16	Square Feet	5,600
02	Supply of Services: Services for Replacement/Installation of Casing Sheets of Cooling Tower at OGDCL UCH-II Gas Plant No. of Cooling Towers: 02, No. of Cell/Cooling Tower: 08	Lump sum	01 Job

TERMS AND CONDITIONS (TECHNICAL):-

- 1. Bidder must have minimum 05 years of experience in manufacturing/supply of similar sheets and must provide the evidence that offered sheets are being used in the different organizations for the same application.
- GA Drawing of Cooling Tower is attached for technical/dimensional detail. If the bidder finds any ambiguity in specification, dimension or any technical detail / data, it should be clarified prior to bid submission. If needed, Bidders can visit UCH Gas Field via proper requisition well before bid submission deadlines.
- 3. Bidder to confirm that Sheets will be packed in secured and Transport worthy robust packing.
- 4. Material will be delivered at Uch Gas Field-OGDCL.
- 5. Inspection of material will be carried out by the OGDCL rep. at Uch Gas Field.
- 6. In case supplier fail to comply any of the above requirement the consignment may be deemed as rejected.
- 7. OGDCL, Uch Gas Field will provide fasteners/self-drill screws for fixing/installation of sheets.
- 8. OGDCL, Uch Gas Field will provide only accommodation to the manpower of successful bidder at Uch Gas Field site, provision of food will be contractor/supplier responsibility.
- Provision of tools, consumables & PPE's will be the responsibility of contractor/supplier for execution of job at site.
- 10. Bids evaluation criteria will be full consignment wise.
- 11. The master set of tender documents (Local) available on OGDCL website (www.ogdcl.com) is the integral part of this tender.

GENERAL TERMS AND CONDITIONS:

- A. BIDS MUST BE SUBMITTED UNDER **SINGLE STAGE TWO ENVELOPES BIDDING SYSTEM** i.e. TECHNICAL & FINANCIAL BID SEPARATELY ON DUE DATE.
- B. FINANCIAL BIDS OF ONLY TECHNICALLY RESPONSIVE BIDDERS WILL BE OPENED PUBLICLY.
- C. AFTER TENDER OPENING "TECHNICAL BIDS" WILL BE REVIEWED. THE BIDS WILL BE BROUGHT TECHNICALLY AT PAR BY SEEKING CLARIFICATIONS. THE BIDDERS WILL **NOT** BE ASKED FOR ANY PRICE CHANGE IN THEIR FINANCIAL BIDS DUE TO CERTAIN CLARIFICATIONS AND SUBSEQUENT CHANGE IN THEIR TECHNICAL PROPOSALS. THE BIDDERS WILL **NOT** BE ALLOWED TO SUBMIT SUPPLEMENTARY PRICE PROPOSALS IN A SEPARATE SEALED ENVELOPE TO MAKE IT A PART OF THE ALREADY SUBMITTED UNOPENED FINANCIAL BIDS AND TO ADJUST THEIR QUOTED PRICE SUBSEQUENTLY AFFECTED DUE TO CHANGE IN TECHNICAL PROPOSALS.
- D. SEALED FINANCIAL BIDS OF TECHNICALLY NON-RESPONSIVE BIDDERS WILL BE RETURNED UN-OPENED.
- E. OGDCL RESERVES THE RIGHT TO REJECT ANY OR ALL THE BIDS WITHOUT ASSIGNING ANY REASON.
- F. PRICES MUST BE QUOTED IN PKR INCLUSIVE OF ALL TAXES AND DUTIES, INDICATING UNIT PRICE AND TOTAL BID PRICES. GST MUST BE QUOTED SEPARATELY ALONG WITH COPY OF GST CERTIFICATE.
- G. QUOTED PRICES SHALL BE VALID FOR **90 DAYS** FROM THE OPENING DATE OF THE TECHNICAL BID.
- H. OGDCL RESERVES THE RIGHT TO EVALUATE THE BID(S) EITHER ITEM-WISE OR FULL PASKAGE BASIS WITHOUT ASSIGNING ANY REASON. TO QOUTE COMPETITIVE PRICES FOR ALL OR ANY ITEMS ENABLE COMPANY TO DECIDE PURCHASE.
- I. THE MAXIMUM DELIVERY TIME FOR SUPPLY ITEMS INCLUDING JOB COMPLETION AT SITE IS 40 DAYS FROM THE DATE OF RECEIPT OF FIRM PURCHASE ORDER.
- J. BIDDERS TO SUBMIT THEIR COMPANY PROFILES, EXPERIENCE OF SIMILAR SUPPLIES IN PAKISTAN ALONG WITH TECHNICAL BIDS.
- K. THE SUCCESSFUL BIDDER WILL HAVE TO SUBMIT A PERFORMANCE BOND IN THE SHAPE OF EITHER BANK GUARANTEE EQUAL TO 10% OF TOTAL VALUE OF PURCHASE/SERVICE ORDER EXCLUSIVE OF GST/PST/ICT WITHIN FIFTEEN DAYS AFTER ISSUANCE OF PURCHASE/SERVICE ORDER. (Refer clause 10 of master set of tender documents).
- L. THE MASTER SET OF TENDER DOCUMENTS (LOCAL) AVAILABLE ON OGDCL WEBSITE (WWW.OGDCL.COM) IS THE INTEGRAL PART OF THIS TENDER.



OIL & GAS DEVELOPMENT COMPANY LIMITED

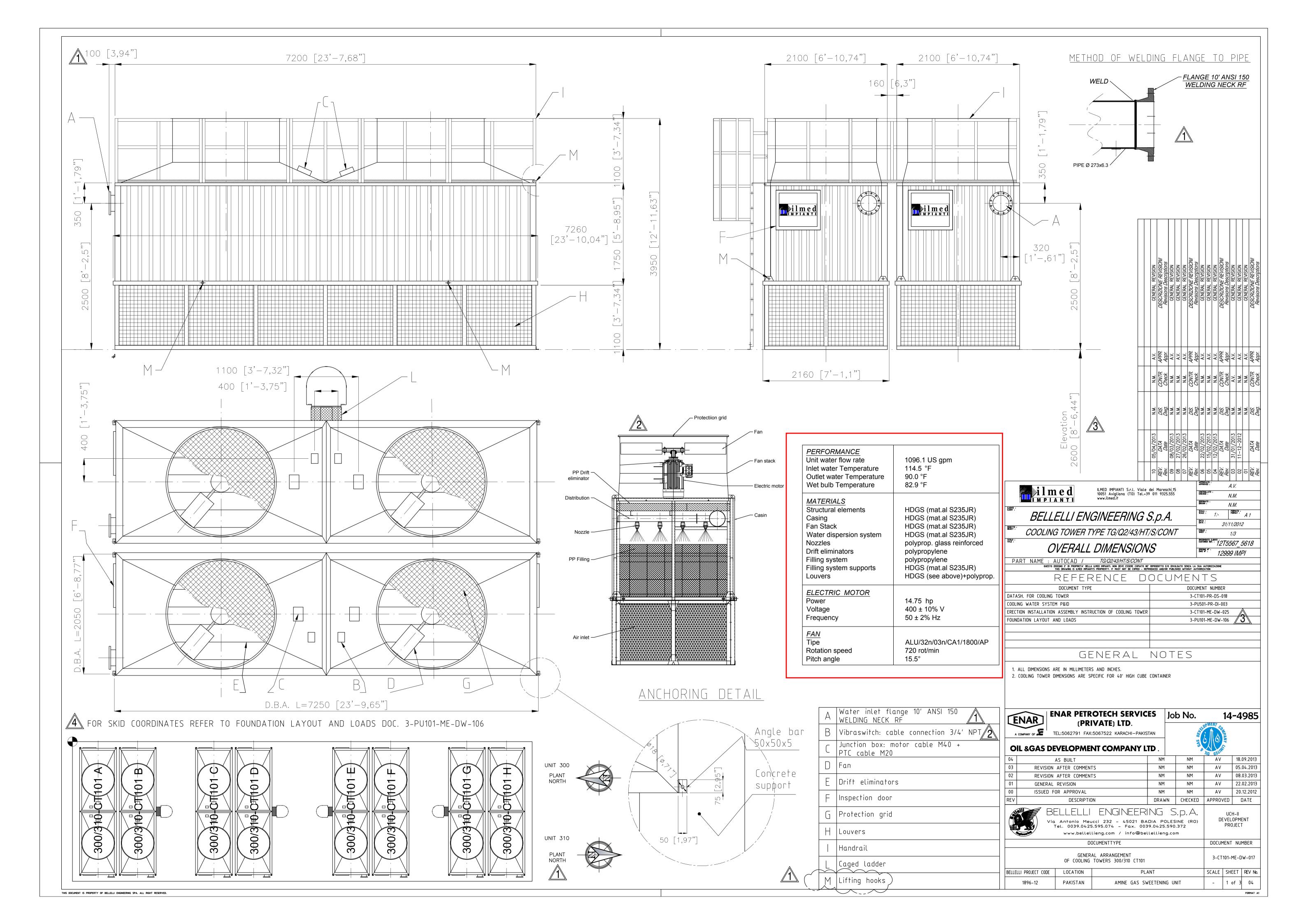
PROCUREMENT DEPARTMENT (LOCAL), ISLAMABAD SCHEDULE OF REQUIREMENT

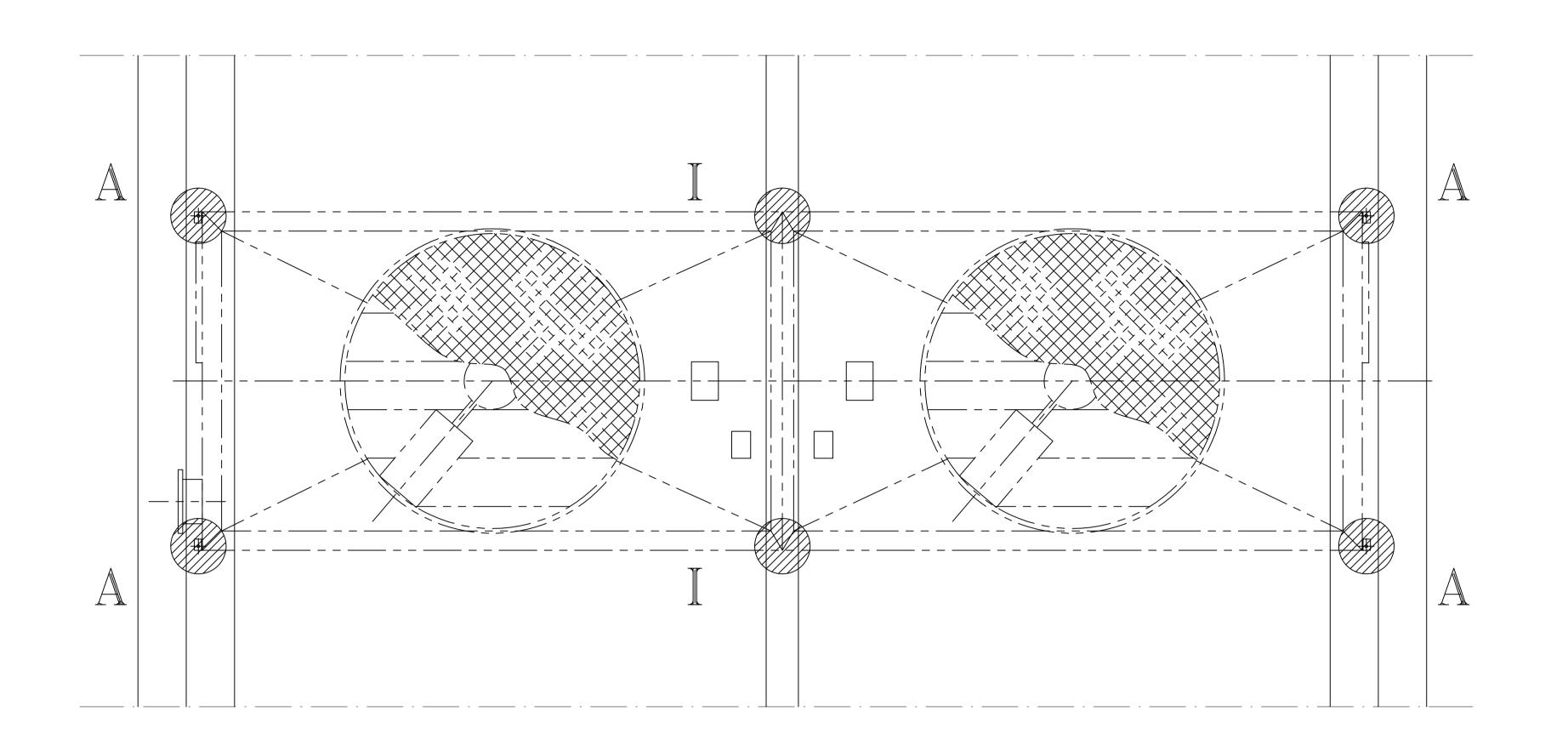
Mandatory Checklist

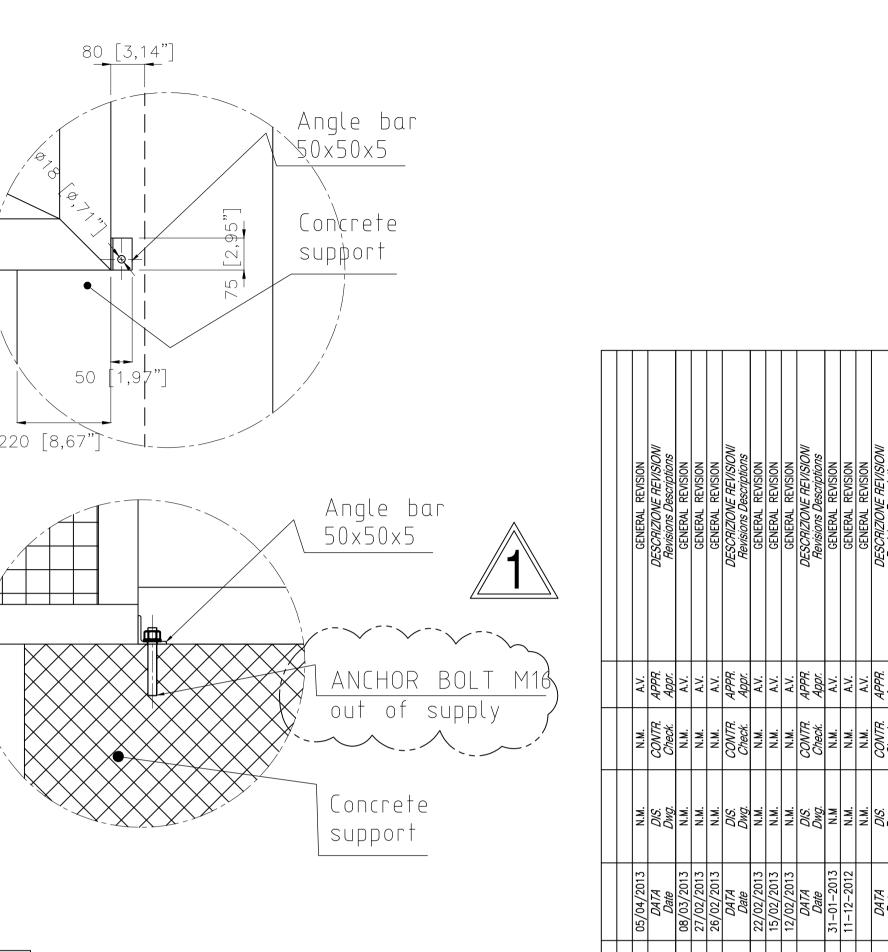
Please confirm the compliance of the following mandatory information along with the bid(s) failing which bid(s) will not be accepted.

Documents	To be attached with the	Compliance				
	Technical / Financial Bids					
Original Bid Bond	Technical Bid	Yes		No		
Copy of NTN Certificate	Technical Bid	Yes		No		
Copy of GST Certificate	Technical Bid	Yes		No		
Confirmation that the Firm is appearing FBR's Active Taxpayer List	Technical Bid	Yes		No		
Duly Signed and Stamped Annexure-A (Un-priced)	Technical Bid	Yes		No		
Duly filled, signed and stamped Annexure-B	Technical Bid	Yes		No		
Duly filled, signed and stamped Annexure-D	Technical Bid	Yes		No		
Duly signed and stamped Annexure-L on Company's Letter Head	Technical Bid	Yes		No		
Duly signed and stamped Annexure-M on Company's Letter Head	Technical Bid	Yes		No		
Duly signed and stamped Annexure-N on Non- Judicial Stamp paper duly attested by Notary Public	Technical Bid	Yes		No		
Duly Filled, signed and stamped Annexure-A (Priced)	Financial Bid	Yes		No		
Duly Filled, signed and stamped Annexure-C	Financial Bid	Yes		No		
Duly Filled, signed and stamped Annexure-E	Financial Bid	Yes		No		

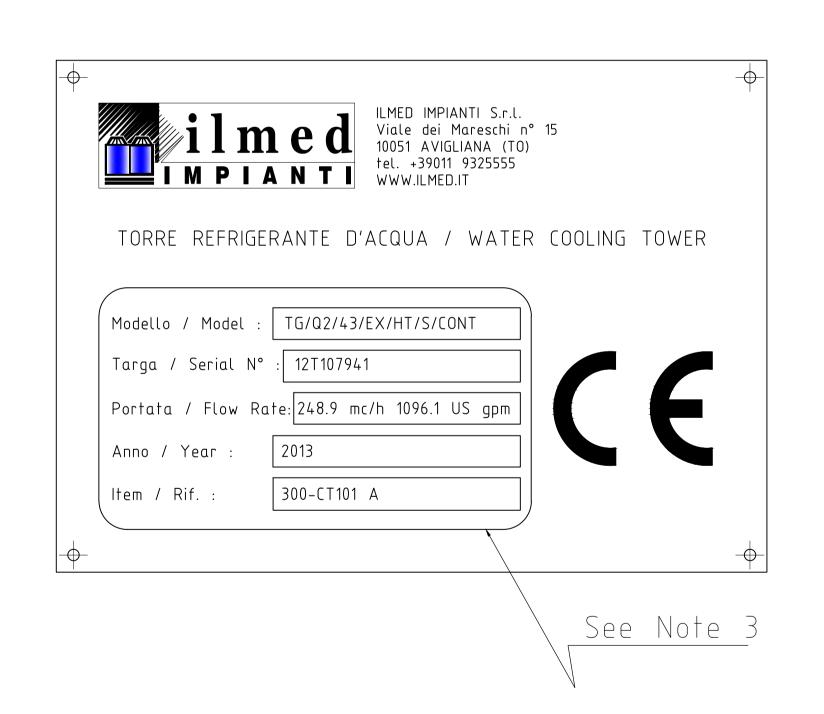
The above Annexures are available in MASTER SET OF TENDER DOCUMENTS (LOCAL) that can be downloaded from OGDCL website (www.ogdcl.com).







ANCHORING DETAIL





WEIGHT FOR ONE MODULE TG/Q2/43/HT/S/CONT: SHIPPING Kg. 3400 OPERATING Kg. 5100

ITEM		→ M → T ▼ Q		ERECTION (FULL WIND)	OPERATING (SEISMIC)	HYDROTEST (PARTIAL WIND)
	QUEAD (T)		kN	1	1	1
•	SHEAR (T)		lb	1	1	1
I			kN*m	1	1	1
	MOMENT (M)		lb*feet	/	1	/
(intermediate	VEDTICAL (O)		kN	35,0	25,0	20,0
support)	VERTICAL (Q)		lb	77,2	55,1	44,1
		Longitudinal	kN	± 5,0	± 5,0	± 2,5
	SHEAR (T)	load	lb	11,0	11,0	5,5
\mathbf{A}	SHEAR (1)	Transversal	kN	± 10	± 10	± 5
(corner support)		load	lb	22,0	22,0	11,0
(comer support)	MOMENT (M)	Transversal	kN	1	1	1
	MOMENT (M)		lb*feet	1	1	1
	VEDTICAL (C)		kN	25,0	15,0	10,0
	VERTICAL (Q)		lb	55,0	33,1	22,0

WIND VELOCITY 120 Mph SEISMIC ZONE FACTOR 0,1 g

Loads listed in the above table are calculated by means of structural calculation software: for details refer to mechanical calculation sheet.

ilmed	ILMED IMPIANTI S.r.l. Vial 10051 Avigliana (TO) Tel. www.ilmed.it				APPROVATO : APPROVED : CONTROLLATO CHECKED : DISEGNATO : DRAWN :	'	A. V. N.M. N.M.	
BELLELLI EI	NGINEERING	S.p.	А.		SCALA : SCALE : DATA :	1.:-	FORMATO :	A 1
COOLING TOWER	TYPE TG/Q2/43/H	T/S/C	ONT		FOGLIO : SHEET :		2/3	
OVERAL				RIFERIMENTO CI CUSTOMER REF. DISEGNO N° : DWG N° :	1213	567_5 19 IMP		
PART NAME : AUTOCAD / QUESTO DISEGNO E' DI PROPRIETA' THIS DRAWING IS ILMED IN	TG/Q2/43/HT/S/CONT DELLA ILMED IMPIANTI. NON DEVE ESSERE COPIATO PPIANTI'S PROPRERTY. IT MUST NOT BE COPIED - F	NE' RIPRODOTTO PRODUCED AND	E/O DIVULGA /OR PUBLISHED	TO SENZA LA I WITHOUT AU	SUA AUTORIZ THORIZATION			
REFE	RENCE D	0 C	UM	1E N	1 3	5		
DOCUMENT T	YPE			DOCU	MENT N	UMBER		
ERECTION INSTALLATION ASSEMBLY IN	STRUCTION OF COOLING TOW	R		3-0	T101-ME	-DW-025		
FOUNDATION LAYOUT AND LOADS				3-P	U101-ME	-DW-106		<u>) </u>
-				-				
<u>-</u>				-				
C	IENERAL	NC	$) \top E$	ES				
1. ALL DIMENSIONS ARE IN MILLIMET 2. COOLING TOWER DIMENSIONS ARE 3. TAG FOR COOLING TOWER ARE: 300-CT101 C, 310-CT101 C, 30 300-CT101 F, 310-CT101 F, 30	SPECIFIC FOR 40' HIGH CUB 300-CT101 A, 310-CT101 0-CT101 D, 310-CT101 D	A, 300 300-C	–CT101 Γ101 Ε,	310-C	T101 E			
	ROTECH SERVIC RIVATE) LTD.	ES	Job	No.	. OPME	14 NT 0	1-49	98.
A COMPANY OF TEL:5062791 F	FAX:5067522 KARACHI-PAKI	STAN	_			G AMPANIY		

Tel. 0039.0425.595.074 - Fax. 0039.0425.590.372

www.bellellieng.com / info@bellellieng.com

AMINE GAS SWEETENING UNIT

GENERAL ARRANGEMENT AND LAYOUT OF

AV 18.09.2013

AV 05.04.2013

AV 22.02.2013

DEVELOPMENT PROJECT

DOCUMENT NUMBER

3-CT101-ME-DW-017

SCALE SHEET REV No.

- 2 of 3 04

DRAWN CHECKED APPROVED DATE

08.03.2013

20.12.2012

OIL &GAS DEVELOPMENT COMPANY LTD

REVISION AFTER COMMENTS

REVISION AFTER COMMENTS

ISSUED FOR APPROVAL

GENERAL REVISION

Bellelli project code

3

THIS DOCUMENT IS PROPERTY OF BELLELLI ENGINEERING SPA. ALL RIGHT RESERVED.

Identification of fan ducts, caged ladder and handrails position

Identify all supplied items and their position on the cooling towers according to present drawing. Components are all itemized with same identification tag hereby reported.

