

OIL INDIA LIMITED
(A Government of India Enterprise)
P.O. Duliajan – 786602, Assam, India
Website: www.oil-india.com

Corrigendum No. 5 to IFB No. CPG5284P15
Engineering, Procurement and construction (EPC) of Oil Collecting
Station (OCS) at Barekuri, Assam

- 1.0 This corrigendum is issued to clarify that Back-up time/autonomy time for AC UPS shall be 4 hours (4 hours back-up shall be 2 hours+2 hours on each set). Bidders are requested to design the UPS system accordingly. The revised AC UPS Datasheet has been uploaded in OIL's e-portal vide this corrigendum.
- 2.0 Bidders are requested to take note of the above while preparing their bids.
- 3.0 Bid closing & opening dates & all other terms and conditions of the tender remain unaltered.

CONSTRUCTION OF BAREKURI OCS

Document Title : **DATA SHEET – AC UPS**

Kavin Document No. : **1190-E-DS-0900-02**

Client Document No. : **-**

C	14-May-2015	RE-ISSUED FOR BID	RK	MSR	BSK / AKN
B	08-Apr-2015	RE-ISSUED FOR BID	RK	SSV / MSR	BSK / AKN
A	10-Jan-2015	ISSUED FOR BID	RK	AD / MV	BSK / AKN
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

PROJECT DOCUMENTS ARE CONTROLLED DOCUMENTS.
REVISIONS ARE DENOTED Δ IN RIGHT HAND MARGIN

CLIENT:

OIL INDIA LIMITED

CLIENT REF:

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CONSULTANT:

KAVIN ENGINEERING AND SERVICES PVT LTD

KAVIN REF:

P-1190



REV	DATE	ORIGINATOR	CHECKED	LEAD ENGG.	APPROVED
A	10-01-15	RK	AD	MV	AKN
B	8-4-2015	RK	SSV	MSR	AKN/BSK
C	14-05-2015	RK	MSR	MSR	AKN/BSK



[illegible]



EQUIPMENT NAME	AC UPS
TAG NO.	TBA
DATA SHEET NO.	1190-E-DS-0900-02
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REV	DATE	ORIGINATOR	CHECKED	LEAD ENGG.	APPROVED	REVISION
A	10-01-15	RK	AD	MV	AKN	
B	8-4-2015	RK	SSV	MSR	AKN/BSK	
C	14-5-2015	RK	MSR	MSR	AKN/BSK	

[illegible]

 	CLIENT NAME	OIL INDIA LIMITED	REV	DATE	ORIGINATOR	CHECKED	LEAD ENGG.	APPROVED	REVISION
	PROJECT NAME	CONSTRUCTION OF BAREKURI OCS	A	10-01-15	RK	AD	MV	AKN	
	EQUIPMENT NAME	AC UPS	B	8-4-2015	RK	SSV	MSR	AKN/BSK	
	TAG NO.	TBA	C	14-5-2015	RK	MSR	MSR	AKN/BSK	
	DATA SHEET NO.	1190-E-DS-0900-02							
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REQUIREMENTS SPECIFIED BY PRINCIPAL									
1	Tag Number	TBA							
2	Nominal Rated Output	60 kVA @ 0.8 power factor							
3	Required Autonomy Time	4 hour							Δ
4	Configuration	Parallel (2 x 100%)							
5	Battery Type Required	Lead Acid Battery							
6	Language	Labels: English Manuals: English							
7	SITE CONDITIONS								
8	Site Location	Tropical							
9	Site Max Ambient/Humidity	41°C / 100%							
10	Altitude	< 1000m							
11	Location of UPS Unit	Air-conditioned room							
12	Cabling Distance between UPS Unit and Battery	* mm (Note-7)							
13	Battery Room Dimensions (length x width x height)	TBA							
14	Battery Room Temperature	25°C							
20	MAINS INPUT								
21	Voltage/Frequency	415V AC, 3PH, 50Hz							
22	Supply System and Earthing	3-phase, 4-wire TN-S							
23	Short Circuit Capacity of Mains Intake	-							
24	OUTPUT								
25	Voltage/Frequency	240V, 50Hz							
26	Number of phases	Single-Phase							
27	COMMUNICATION								
28	Remote SCADA Software Monitoring Req'd	Yes, RS 485							
29	Modem for Linking to Vendors Service Center	Yes							
30	GENERAL REQUIREMENTS								
31	Additional Load Terminals Required for Testing	Yes							
32	Cable Entry	Bottom							
33	TESTING/SERVICE/SPARE PARTS								
34	Factory Acceptance Tests to be Witnessed	Yes							
35	Service Contract Required	No							
36	Type of Service Contract	N/A							
37	Spare Parts Quotation for 2 Years Required	Yes							
15	BATTERY INFORMATION (AS PER AC UPS CALCULATION)								
16	Battery Configuration	2 X 100% (Redundant)							
17	Battery Capacity	*							
18	Battery Voltage Rating	*							
19	Number of Batteries	*							
38	INFORMATION PROVIDED BY VENDOR								
39	RECTIFIER								
40	Rated Output	*							
41	Recommended Rating of Main Intake Supply Fuses	*							
42	Rectifier Type	*							
43	Expected Mains Input Voltage Distortion	*							
44	DC voltage max/min	*							
45	Output Voltage Ripple	*							
46	BATTERY								
47	Battery Make/Type/No. of Cells	*					No. of battery packs (2x100%)		
48	Nominal Battery Capacity	*							
49	Battery Design Lifetime	*							
50	Actual Battery Autonomy Time at Rated Output	*							
51	Idc(max)	*							
52	Required Sizing of Battery Cables	*							
53	Battery Switching Device	*							
54	No. of Air Changes per hour required	*							
55	PERFORMANCE CHARACTERISTICS								
56	Max Continuous Rated Output of UPS	*							
57	Efficiency of UPS Unit/Inverter at 100% / 50% load	*							
58	Maximum Fuse to be Blown by Unit with/without Mains Bypass	*							
59	Noise level dB(A) at 1 m	*							
60	DIMENSIONS & WEIGHTS UPS Unit								
61	Width x Length x Depth UPS unit	*							
62	Width x Length x Depth battery/ battery rack	*							
63	Weight: UPS/Battery	*							
64	GENERAL								
65	Country of Origin	*							
66	Location of Nearest Service Center	*							
67	Commissioning & start up spare part	*							

* VENDOR TO CONFIRM



CLIENT NAME OIL INDIA LIMITED
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DATA SHEET NO. 1190-E-DS-0900-02
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REVISION

SPECIAL REQUIREMENTS AND REMARKS:

1. UPS shall be rated 125 % of full load. The stand alone time rated output plus 125% for 10 min. and 150% for 1 min. shall be not less than 4 hours.
2. Batteries shall be supplied complete with fully protected terminal shrouds.
3. Cable markings & tagging shall be provided on all internal wiring / cable.
4. Battery cables shall be quoted as an optional item, except from the intercell connections.
5. Internal / External cables are to be connected to the terminal blocks. No direct connection to the devices.
6. Panel shall have individual led alarm for all the faults.

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