



OIL & GAS DEVELOPMENT COMPANY LIMITED
PROCUREMENT DEPARTMENT (LOCAL), ISLAMABAD
SCHEDULE OF REQUIREMENT

**Material :Procurement of Sivacon, LX Type,8PS Busbar Trunking Systems
(LXC0751, OR Equivalent 3200A)–for Transformer 4, KPDTAY**

Due Date:

Tender Enquiry No: kpd-18466-A

Bid Bond Value : RS.200,000/-

Attachment(if any) : YES

EVALUATION WILL BE CARRIED OUT ON FULL

Sr No	Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Delivery Period Offered	deviation from Tender Spec. If Any
1	SIVACON, LX TYPE, 8PS BUSBAR TRUNKING SYSTEMS (LXC0751, OR EQUIVALENT 3200A)– FOR TRANSFORMER 4B, KPDTAY PLANT.	1		Number					

Special Note: The prospective bidders also download the master set of Tender Document

- The prospective bidders may keep in touch with OGDCL web site for downloading the clarifications/amendments (if any) issued by OGDCL.
- DELIVERY PERIOD: WITHIN 18–20 WEEKS AFTER ISSUANCE OF LPO ON FOR KUNNER PLANT. PAYMENT TERM:100% AFTER DELIVERY AND INSPECTION. BID VALIDITY: 180 DAYS FROM TECHNICAL BID OPENING.



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Mandatory Checklist

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

Documents	To be Attached with the Technical/Financial Bids	Compliance			
Original Bid Bond	Technical Bid	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Copy of NTN Certificate	Technical Bid	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Copy of GST Certificate	Technical Bid	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Confirmation that the Firm is appearing on FBR's Active Taxpayer List	Technical Bid	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Duly signed and stamped Annexure-A (Un-priced)	Technical Bid	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Duly filled, signed and stamped Annexure-B	Technical Bid	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Duly filled, signed and stamped Annexure-D	Technical Bid	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Duly filled, signed and stamped Annexure-L on Company's Letterhead	Technical Bid	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Duly signed and stamped Annexure-M on Company's Letterhead	Technical Bid	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Duly signed and stamped Annexure-N on Non-Judicial Stamp Paper duly attested by Notary Public	Technical Bid	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Duly filled, signed and stamped Annexure-A (Priced)	Financial Bid	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Duly filled, signed and stamped Annexure-C	Financial Bid	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Duly filled, signed and stamped Annexure-E	Financial Bid	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>



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For the Vendors/Contractors who opt to submit Bank Draft/Call Deposit/Pay order against Bid Bond/Performance Bond, our Accounts Department has finalized an arrangement for online payment to such Vendors/Contractors, which will be processed through (IBFT & LFT) for which following information is required:

i.	IBAN No. (International Bank Account Number 24 Digits)	
ii.	Vendor Name as per Title of their Bank Account	
iii.	Contact No.of Company's CEO/ Owner (Mobile & Landline)	
iv.	Bank Name.	
v.	Bank Branch Name and Code	

Name, Sign and Stamp of the authorized official of the Bidder(s) _____

Projectname: OGDCL-Zishan
Customer: S-Pakistan
Drawingnumber: 8PS-1376-R05
Date: 2016-01-07

FA/FL = Flange End
AS = Transformer connection
KE = Cable Feeder Box
C/D = Change of direction

TP = Tap-off point
KB = Terminal block
EF = End flange

VF = Vertical Fixing bracket
S120 = Fire Barrier

Date: 2016-01-07

C/D = Change of direction

Run/Pos.	Type	Order-No.	Description	Qty.	Remarks			Lengths (m)		Straight length		FA/FL	AS	C/D	KB
								Unit	Total	<=1.3m	>1.3m				
BUSDUCT T4B: 3200A (LXC0751)															
T4B/01	LXC0751-FA	BVP:214336	Connection to non-SIEMENS boards	1	Change direction	T4B	0751	0.23	0.23			1			
T4B/02	LXC0751-LL-X0,39	BVP:275614	Change direction	1		T4B	0751	0.595	0.595					1	
T4B/03	LXC0751-LH-XB1,14	BVP:277368	Change direction	1		T4B	0751	1.353	1.353					1	
T4B/04	LXC0751-2W1,27	BVP:213833	Str.trunk. unit optnl. lght w/o tap-off	1		T4B	0751	1.27	1.27	1					
T4B/05	LXC0751-3	BVP:213831	Str.trunk. unit w/o tap-off	1		T4B	0751	3	3		1				
T4B/06	LXC0751-LV	BVP:213848	L unit	1		T4B	0751	0.713	0.713					1	
T4B/07	LXC0751-LH-X0,60	BVP:275618	Change direction	1		T4B	0751	0.813	0.813					1	
T4B/08	LXC0751-LLH	BVP:213854	L unit	1		T4B	0751	0.938	0.938					2	
T4B/09	LXC0751-2W1,32	BVP:213833	Str.trunk. unit optnl. lght w/o tap-off	1		T4B	0751	1.32	1.32		1				
T4B/10	LXC0751-AS1-T	BVP:214263	Connection unit with T tap-off	1		T4B	0751	1.2	1.2				1		
T4B/10	+LX-1A	BVP:214272	Feeder unit enclosed	1	Change direction	T4B	0751	0	0						
T4B/10	+LX-P180	BVP:214289	Phase distance of transformer	1		T4B	-1A	0	0						
T4B/-1	LXC0751-KB	BVP:214384	Terminal block	1		T4B	-P18	0	0						
	LX07-BF	BVP:214429	Fixing bracket horizontal flat	6		T4B	0751	0	0						1
	LX07-BFF	BVP:214435	Fixing bracket horizontal flat with fixing	1		T4B	7-BF	0	0						
						T4B	7-BF	0	0						
SUMMARY								-	11.432	1	2	1	1	6	1

1. Bus Tie Duct inspection to be carried out at vendor premises prior to dispatch of material.
2. Vendor to provide test reports and all relevant OEM certificates.
3. Drawings of Bus Tie Duct for Transformer 4B is attached.
4. Bidder must supply isometric/3D views of all BTB parts at bidding stage for approval with OGDC, which will be verified with site installation. Bidder will be responsible for any payment delays or loss thereof incase drawings are not approved or provided BTB parts are mismatched with existing installed BTB. All relevant project drawings from M/s Siemens are enclosed.
5. Bidder may visit site of KPD plant prior to bidding for precise data collection and to avoid any ambiguity at later stage.
6. Bidder must submit Installation & Maintenance Manual of product at bid stage.
7. Bidder must supply all installation accessories

Faisal
2016-01-07
13:00:00

ATTACHMENT FOR INDENT # KPD-4340

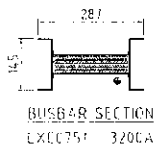
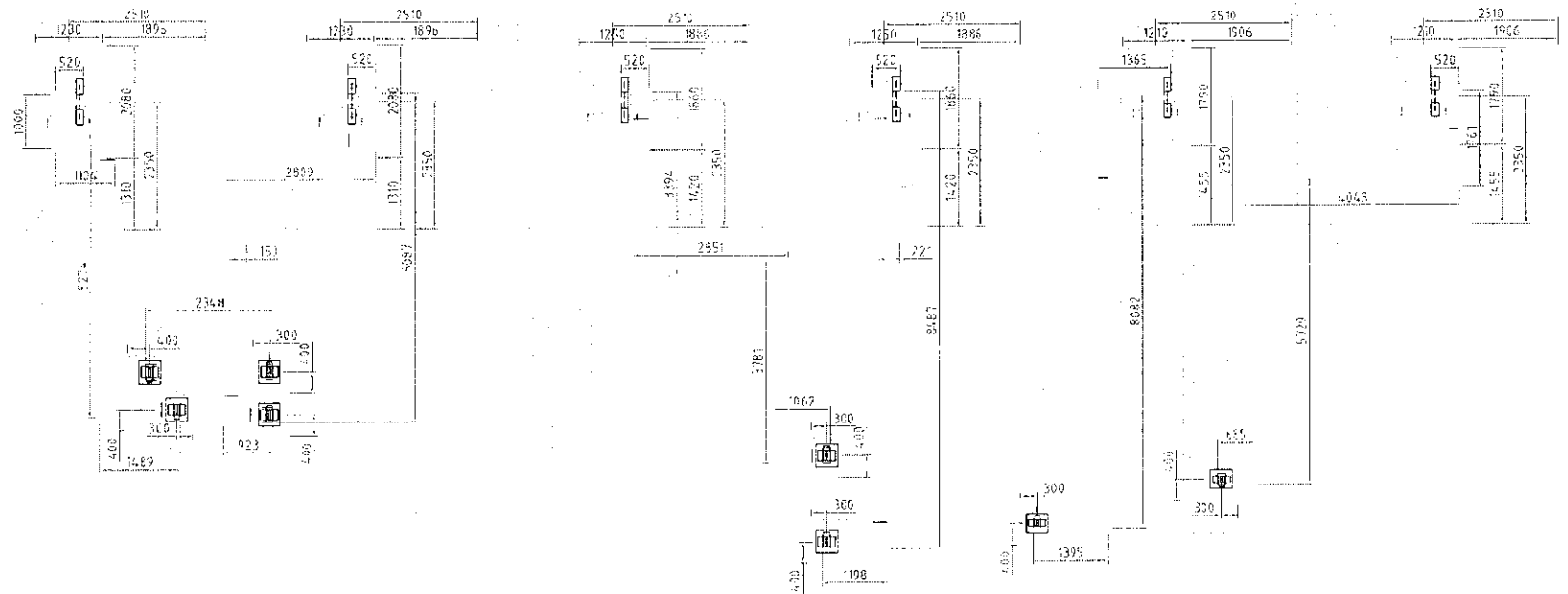
1. Items must be in original OEM Packing.
2. Items must be new & free from any defect.
3. If bidder found any ambiguity in serial number or specification, it should be cleared prior to bid submission.
4. Items must have standard OEM warranty/guarantee.
5. In case of equivalent/superseded items, 100 % replacement with same fits & tolerances is required. Bidder must provide the literature, relevant documents & documentary evidence that supplied item is exact replacement of item mentioned in SOR for equivalent items.
6. Bidder may plan site visit for precise collection of size & dimensions of existing BTD.

TECHNICAL SPECIFICATION SIVACON 8 PS, LX TYPE

No.	Description	Unit	
1	Standards and regulations		DIN EN 60439-1/VDE 0660-500 DIN EN 60439-2/VDE 0660-502
2	Resistance to climate		Damp heat, constant, acc. to IEC 60068-2-78 Damp heat, cyclic, acc. to IEC 60068-2-30
3	Ambient temperature Min./Max./mean level over 24hours	°C	-5/+40/+35
4	Degree of protection		IP54
5	Torque for joint block (re-use)	Nm	120±10
6	Busbar surface treatment		Coated with insulating material, aluminium also nickel-plated, both aluminium and copper tinned at contact point
7	Trunking unit material		Painted aluminium casing
8	Colour of trunking units		RAL 7032
9	Rated insulation voltage Ui of the trunking units acc. to DIN EN 60439-1	V~ V-	1000. 1000.
10	Overvoltage category/pollution degree		III/3 acc. to EN 60947
11	Rated operating voltage Ue of the trunking units	V~	690
12	Rated frequency	Hz	50 ... 60
13	Conductor		Copper
14	Conductor configuration		L1 + L2 + L3 + N (4 bars, PE as housing)
15	Rated current	A	2000A (LXC0551); 2500A (LXC0651); 3200A (LXC0751)

11	Scale	Order-No.	
10	Surger	Proj.	PS 1876 P05.dwg
09	Author	Project	06001-Zishan
08	Check	Customer	S. Pakistan
07	Engineer	Design	8PS-1876-P05
06	Appr.	Drawn	
05			
04			
03			
02			
01			
Index	Neofelis	Date	Page

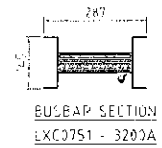
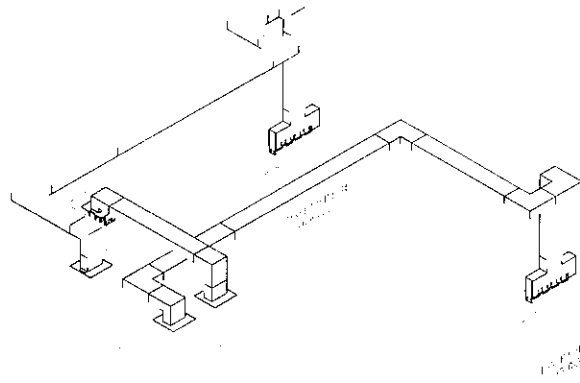
SIEMENS
Energy Management



BUSDUCT LAYOUT (CCR BUILDING)

11				Scale		Order-No	
10				Order	A10930	File	8PS 1376_R05.dwg
09				Date		Project	
08				Name			
07				Engineer	GT(12016)	Van	
06				Appr	GT(12016)	Meesen	
05							
04							
03							
02							
01							
Index	Recreation	Date	Name	SIEMENS		Customer	S-Pakistan
				Energy Management		Dwg-No	8PS 1376_R05
							Sheet

ISOMETRIC VIEW (CCR BUILDING)

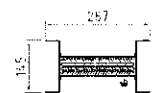
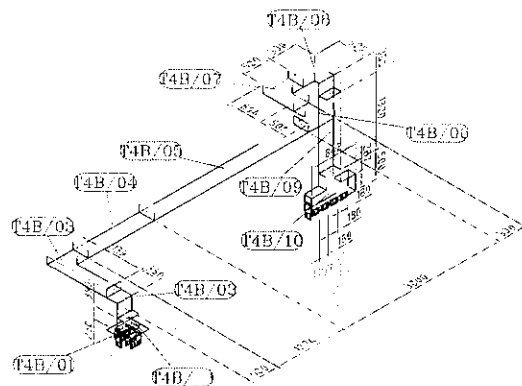


11				Scale	Order-No
10				Order A-10930	File 8PS 1376-205.dwg
09				Date	Project
08				Employee 167112016 Van	OGDCL-Zishan
07				Appr 167112016 Muezzin	Customer
06					G-Pakistan
05					Drawn By
04					8PS 1376 FDS
03					Shao
02					
01					
Index	Modification	Date	Name		

SIEMENS
Energy Management

ISOMETRIC VIEW (CCR BUILDING)

BUSDUCT T4B
LXC0751/3200A



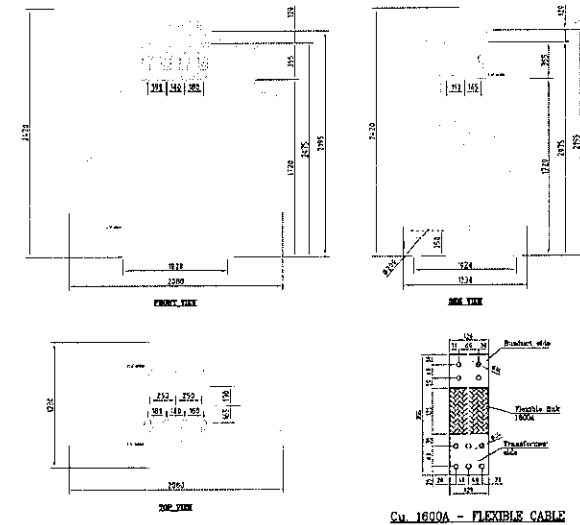
BUSBAR SECTION
LXC0751 - 3200A

11		Scale		Order-No	
10		Order	A.10330	File	8FS 1376 R05.dwg
09		Date		Project	
08		Engineer	3/11/2016		0600L-Zrshan
07		Appr	3/11/2016		
06					
05					
04					
03					
02					
01					
Index	Modification	Date	Name	Customer	G-Pakistan
				Dwg No	8FS 1376 R05
				Sheet	5

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Energy Management

TRANSFORMER CONNECTION

FOR TRANS. 2000KVA



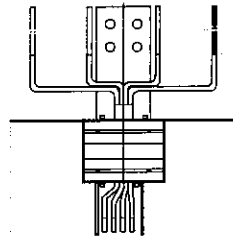
* Note
- Tolerance for holes and distances between holes: $\pm 0.25\text{mm}$
- Tolerance for others: $\pm 2.5\text{mm}$ (length: $\pm 10\text{mm}$)

LIST OF MATERIAL (for 01 trans. 2000kVA - 01 set)				
Item	DESCRIPTION	UNIT	QUANTITY	
			one phase	Total
1	1600A Flexible conductor	pc	2	8
2	Bolt M12x60 with 1 nut and 2 washers	set	4	16
3	Bolt M12x70 with 1 nut and 2 washers	set	4	16

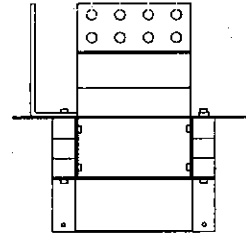
11				Scale:	Order-No:
10				Order: A10830	File: 8PS-1376-R05.dwg
09				Date	Project:
08				Engineer: 07.01.2016 Van	OGDCL-Zishan
07				Appr: 07.01.2016 Muessen	
06					Customer:
05					S-Pakistan
04					Dwg-No:
03					8PS-1376-R05
02					Sheet
01					13
Index	Modification	Date	Name	SIEMENS Energy Management	

LXC0751-FA

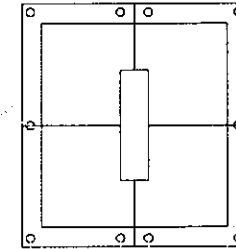
FRONT VIEW



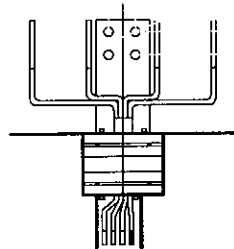
SIDE VIEW



TOP VIEW



P.E PLATE



11				Scale:			Order-No.:		
10				Order:			File: LX.51-FA drawing.dwg		
09							Project:		
08					Date	Name	FA CONNECTION UNIT LXC0751-FA		
07				Engineer	20/07/07	Duong			
06				Appr.					
05									
04				SIEMENS A&D			Customer:		
03							Dwg-No.:		Sheet
02									
01									
Index	Modification	Date	Name						