

MULTAN ELECTRIC POWER COMPANY

Tel: 061-9210380 Ext: 2084
061/9330244
Fax: 061-9220204

Office of
The Company Secretary

No. 11002-24/Company Secy

Dated: 01-11-17.

1. Mr. Khalid Masood Khan,
10-Green Lane, Zakaria Town
Bosan Road, Multan.
2. Engr: Muhammad Akram Chaudhry
Chief Executive Officer,
MEPCO Multan.
3. Mr. Zaffar Abbas
Joint Secretary (Transmission),
Room No. 235 Ministry of Water & Power,
Islamabad.
4. Muhammad Anwer Sheikh,
Joint Secretary (CF-II), Govt of Pakistan
Finance Division Islamabad.
5. Khawaja Muhammad Azam,
15-16 Ground Floor Muhammad Arcade,
LMQ Road, Multan.
6. Mian Zahid Pervaiz Marral,
14- Altaf Town Tariq Road Multan.
7. Mian Shahid Iqbal
Rehman Villa Bohar Gate, Bahawalpur
8. Mr. Asad Rehman Gillani
Secretary Energy, Govt of Punjab
8th Floor, EFU Building
Energy Department, Lahore.

Sub:-: MINUTES OF 129th BOD MEETING.

Enclosed please find herewith Minutes of 129th BOD Meeting held on 21-10-2017 (Saturday) at 11:00 am in MEPCO Conference Room Khanewal Road Multan for information and necessary action please.

DA/as above


COMPANY SECRETARY

Copy to:-

1. Finance Director, MEPCO Ltd Multan.
2. HR/Admn: Director MEPCO Ltd Multan.
3. General Manager/ Tech: Dir: MEPCO Ltd Multan.
4. General Manager (Op) Distn: MEPCO HQ Multan.
5. Chief Engineer/CS Director MEPCO Ltd Multan.
6. Chief Engineer (T&G) MEPCO Ltd Multan.
7. Chief Engineer (Development) HQ Multan.
8. Chief Engineer (Planning) HQ Multan.
9. DG (IS) MEPCO HQ Multan.
10. Project Director Construction MEPCO HQ Multan.
11. Manager (Security) / Transport MEPCO Multan.
12. Manager Internal Audit, MEPCO HQ Multan.
13. Manager (L&L) MEPCO HQ, Multan.
14. Manager (MM) MEPCO HQ Multan.
15. Dy: Manager (Public Relations) MEPCO HQ Multan.

For information & necessary action.

MULTAN ELECTRIC POWER COMPANY

MINUTES OF 129TH MEPCO B.O.D. MEETING, HELD ON 21.10.017 (SATURDAY) AT 11:00 AM IN THE CONFERENCE ROOM MEPCO KHANEWAL ROAD MULTAN.

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|-------------------------------|-------------------------------|
| 1. Mr. Khalid Masood Khan | Chairman |
| 2. Muhamad Akram Ch: | CEO/Director |
| 3. Mr. Zafar Abbas | Director (Through Video Link) |
| 4. Khawaja Muhammad Azam | Director |
| 5. Mian. Zahid Perveiz Marral | Director |
| 6. Mian Shahid Iqbal | Director |
| 7. Engr. Sajid Yaqoob | Company Secretary |

Following MEPCO officers attended the Meeting on call.

- Mr. Imtiaz Ahmed Jigri, Finance Director
- Engr: Sarfaraz Ahmed Hiraj, General Manager (OP).
- Engr: Shahid Hameed Chohan, Chief Engineer (Dev)
- Engr. Shahid Iqbal Ch., Chief Engineer (P&E)
- Engr. Ghulam Yaseen, Chief Engineer/CSD.
- Engr. Sadiqullah Khan, Manager (MM)

The Quorum was in order and the Meeting started with recitation from the Holy Quran and due permission from the chair. The Company Secretary intimated the Board about "Leave of Absence" received from Muhammad Anwar Sheikh & Mr. Asad Rehman Gillani, Members of the Board. The Board, after due consideration, granted the leave of absence to the honorable Member.

AGENDA ITEM NO.1

To consider and confirm Minutes of 127th BOD Meeting held on 17.09.2017 & 128th BOD Meeting held on 06.10.2017

The Company Secretary presented the Minutes of 127th BOD Meeting held on 17.09.2017 & 128th BOD Meeting held on 06.10.2017. After due consideration and detailed discussion, the Board confirmed the Minutes of the both Meetings.

AGENDA ITEM NO.2

To consider and accord approval for the following matter relating to Procurement Committee.

i. Approval for procurement of 100000 No. Frames Fixing on Poles for S/Phase & 3/Phase Energy Meters (T/No. 150).

The agenda was presented by the Chief Engineer (Dev) PMU. The Board was apprised that case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was informed that tender was floated to purchase the quantity 100000 No. Frames for Fixing on Poles with the approval of CEO MEPCO and opened on 28.02.2017. Five (05) firms purchased the tender documents whereas Three (03) firms participated in the tender opening process and quoted their rates on FCS basis without GST along with offered quantities, detail as below:

Sr. No.	Name of Firm	Frames for fixing on Poles (Qty: 100000 No.)	
		T/Rate (Rs.)	Off: Qty:
1	M/s Umair Industries	1520.00	25000
2	M/s Ajmer Engg; Electrical	1520.00	50000
3	M/s Reliance Engg; Co.	1520.00	25000

All the three participant firms quoted the uniform rate of Rs. 1520/- each against their tender quoted quantities. MEPCO didn't purchase the said item in past thus no comparison in this regard

is available. This office also obtained rate analysis from the concerned bidders which comes to Rs. 1593/-, Rs. 1531/- each & Rs. 1586/- each respectively. Manager (Op) Circle Multan / S.E Multan has recommended the case alongwith samples for the Frames for Fixing on Poles for S/Phase & 3/Phase Energy Meters @ Rs. 1520/- each. Total cost is worked out as under:

Sr. No.	Description	Qty (No.)	Rate/Unit (Rs.)	Total	Name of firm
1	Frames for Fixing on Poles for S/Phase & 3/Phase Energy Meters	100000	1520.00	152000000	M/s Umair Industries, M/s Ajmer Engg: M/s Reliance Engg: Co.

The total cost for the procurement of 100000 No. Frames for Fixing of Poles @ Rs. 1520/- per unit amounting to Rs. 152 million (excluding GST) from M/s Umair, M/s Ajmer & M/s Reliance. CEO also accorded approval for putting up agenda item in BOD. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee has recommended the case to the Board for its approval. The Board was requested to accord its approval for procurement of 100000 No. Frames for fixing on Poles from tender lowest firms M/s Umair, M/s Ajmer & M/s Reliance @ Rs. 1520/- per unit against Tender No. 150. After due consideration, the Board resolved as follows.

Decision.

Considering the recommendations of Tender Evaluation Committee, request of Chief Engineer (Dev) PMU and recommendations of the Procurement Committee, the Board accorded its approval for procurement of 100000 No. Frames for Fixing on Poles from tender lowest firms M/s Umair M/s Ajmer & M/s Reliance @ Rs. 1520/- per unit. The total cost for procurement of above item would be amounting to Rs. 152 million (excluding GST) against Tender No.150 dated 28.02.2017.

The above approval is based on following confirmation by the management.


1. It is confirmed that the working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the bid submitted for the said procurement has been carried out correctly on the basis of true facts of each bid submitted by the bidders.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

ii. Approval for procurement of 10000 No. 11 kv Steel Cross Arms with braces (T/No. 204 opened on 20.06.2017).

The agenda was presented by the Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was apprised that tender was floated to purchase the quantity of 20000 No. 11 KV Steel Cross Arms with braces with the approval of CEO MEPCO and opened on 20.06.2017. Eight (08) firms purchased the tender documents, whereas, three (03) firms participated in the tender opening process and quoted their rates on FCS basis without GST along with offered quantities, detail as below:

Name of Firm	11 kv Steel Cross Arms with braces (Qty: 20000 No.)	
	T/Rate (Rs.)	Off: Qty:
M/s Umair Industries	3770.00	10000
M/s Process Dynamics	3774.00	10000
M/s Lion Steel Intl:	3774.00	10000

Out of the above participant firms, M/s Umair Industries offered the lowest rate of Rs. 3770/- per unit for the quantity of 10000 No. whereas, M/s process Dynamics & M/s Lion Steel Intl: uniformly emerged as 2nd lowest bidder by quoting the rate of Rs. 3774/- each for the quantity of 10000 No. each. However, all the participant firms voluntarily offered the discounted tender rate of Rs. 3250/- each instead of Rs. 3770/- each vide letters dated 18.07.2017.

Comparison of revised tender rate with the previous purchase rates of MEPCO & other DISCOs is as under: 

Name of Disco	Revised T/Rate	MEPCO 11.07.17	LESCO T/R 13.06.17	HESCO 30.06.17	TESCO 08.08.17	QESCO 22.06.17	HESCO T/R 07.06.17
11 kv Steel Cross Arms	3250.00	2780.00	3700.00	3175.00	3400.00	3170.00	3835.00

The revised tender rate i.e Rs. 3250/- is on lower side as compared with the latest tender rates of LESCO & HESCO, purchase rate of TESCO and slightly higher with the purchase rate of HESCO & QESCO whereas on lower side as compared with latest purchase rate of TESCO i.e Rs. 3400/- each. Furthermore, a fresh tender is opened on 12.09.2017 by MEPCO wherein rate of Rs. 3400/- per unit emerged to meet requirement of 4000 No. Villages of Deposit / PM SDGs Works. This office also made a rate analysis upon the basis of prevailing market rates which comes to Rs.3324/- each. The lowest bidder also provided rate analysis which comes to Rs. 3355.45 per unit. The Zinc rates in LME have gone 36.51% higher from 13.06.2017 till to-date. NTDCL has also increased the testing fee from 30% to 106% approximately vide their office order dated 30.06.2017. The Procurement Committee was requested to recommend the case to the Board for its approval. The Committee discussed the matter at length and after detailed discussion, the Committee agreed to recommend to purchase only 10000 No. Steel Cross Arms with braces from 1st lowest bidder in initial tendering. Total cost is worked out as under:

Sr. No.	Description	Qty (No.)	Rate/Unit (Rs.)	Total	Name of firm
1	11 kv Steel Cross Arms	10000	3250.00	32500000	M/s Umair Industries (1st lowest bidder)

The total cost for the procurement of 10000 No. 11 kv Steel Cross Arms @ Rs. 3250/- per unit would be amounting to Rs. 32.5 million (excluding 17% GST) from above firms. CEO also accorded approval for putting up agenda item in BOD. The Board was requested to accord its approval for procurement of 10000 No. 11 KV Steel Cross Arms from tender lowest firms M/s Umair Industries @ Rs. 3250/- each against tender No. 204.

Decision

Considering the recommendations of Tender Evaluation Committee, request of Chief Engineer (Dev) PMU & recommendations of Procurement Committee, the Board accorded its approval for the procurement of 10000 No. 11 KV Steel Cross Arms @ Rs. 3250/- per unit amounting to Rs. 32.5 million from M/s Umair Industries. The total cost for the procurement of 10000 No. 11 kv Steel Cross Arms @ Rs. 3250/- per unit would be amounting to Rs. 32.5 million (excluding 17% GST) against Tender No. 204 dated 20.06.2017.

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the bid submitted for the said procurement has been carried out correctly on the basis of true facts of each bid submitted by the bidders.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

iii. Approval for procurement of 80000 No. Danger Plates (T/No. 205 dt: 20.06.2017).

The agenda was presented by the Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was apprised that tender was floated to purchase the quantity of 90000 No. Steel Pins for S.X.Arm & 80000 No. Danger Plates with the approval of CEO MEPCO and opened on 20.06.2017. Ten (10) firms purchased the tender documents whereas seven (07) firms participated in the tender opening process and quoted their rates on FCS basis without GST along with offered quantities, detail as below:

Name of Firm	Steel Pins for S.X.Arm (90000 No.)		Danger Plate (80000 No.)	
	T/Rate (Rs.)	Off: Qty:	T/Rate (Rs.)	Off: Qty
M/s Umair Industries	380.00	45000	497.00	40000
M/s Naem & Co.	382.00	45000		
M/s K.S Traders	380.00	45000		

M/s Ilyas Engg:	-		520.00	40000
M/s Spleen Manufacturing	-		360.00	80000
M/s A.M Associates	380.00	45000		
M/s Climate Engg:	-		498.00	40000

Later on, the concerned firms / lowest bidders voluntarily revised their tender rate for the supply of 11 kv Steel Pin for Steel Cross Arms. Detail as below:

Description	Tendered Quantity	Lowest / Revised Rate (Rs.)	Quoted Quantity	Name of firm
Steel Pins for S.X.Arms	90000	350.00	45000 x 3	M/s Umair, M/s K.S Trader & M/s A.M Associates
Danger Plate	80000	360.00	80000	M/s Spleen Manufacturing

Comparison of revised/lowest tender rates with the previous purchase rates of MEPCO & other DISCOs is as under:

Name of Disco	Lowest T/Rate	MEPCO T/R 21.02.17	MEPCO 20.12.16	IESCO 21.01.16	LESCO 19.04.16	FESCO 29.08.16
Steel Pins for S.X.Arms	350.00	264.00	344.00	344.00	344.00	343.00
Danger Plate	360.00	-	400.00 27.5.16 PMU	-	-	-

The lowest tender rates of Steel Pins for Steel X-Arms are on higher side as compared with the previous purchase rate of MEPCO & other DISCOs whereas rate of Danger Plate is on lower side as compared to purchase rate of PMU MEPCO. The Procurement Committee was requested to recommend the case to the Board for its approval. After detail discussion, the Procurement Committee agreed to recommend to purchase 80000 No. Danger Plate only from 1st lowest bidder in initial tendering. Total cost is worked out as under:

Sr. No.	Description	Qty (No.)	Rate/Unit (Rs.)	Value	Name of firms
1.	Danger Plate	80000	360.00	28800000	M/s Spleen Manufacturing

The total cost for the procurement of 80000 No. Danger Plate @ Rs.360/- each would be amounting to Rs. 28.8 million (excluding 17% GST) from above firm. CEO also accorded approval for putting up agenda item in BOD. The Board was requested to accord its approval for procurement of 80000 No. Danger Plate @ Rs. 360/- each from tender lowest firms M/s Spleen against tender No. 205.

Decision.

Considering the recommendations of Tender Evaluation Committee, request of Chief Engineer (Dev) PMU and recommendations of the Procurement Committee, the Board accorded its approval for 80000 No. Danger Plate @ Rs. 360/- each from tender lowest firms M/s Spleen. The total cost for procurement of proposed items would be amounting to Rs. 28.8 million (excluding GST) against Tender No.205 dated 20.06.2017.

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the bid submitted for the said procurement has been carried out correctly on the basis of true facts of each bid submitted by the bidders.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

iv. Approval for procurement of 500 No. 25 kVA Distribution Transformers (T/No. 34 dt: 13.09.2017).

The agenda was presented by the Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017 The Committee was apprised that tender was floated to purchase the quantity 500 No. 25 KVA Distribution Transformers with the approval of CEO MEPCO and opened on 13.09.2017. Nine (09) firms purchased the tender documents whereas five (05) firms participated in the tender opening process

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and quoted their rates on FCS basis without GST along with Iron & Copper (I/C) losses and with offered quantities, detail as below:

Sr. No.	Name of Firm	25 kVA Dist: T/Formers (Qty: 500 No.)		Quoted Losses (Watts)	
		T/Rate (Rs.)	Off: Qty	Iron	Copper
1	M/s Transfo Power	98500.00	500	93	490
2	M/s Sky Power	114000.00	250	80	475
3	M/s Pak Elektron Ltd.	99000.00	500	98	512
4	M/s Validus Engg:	111200.00	490	88	476
5	M/s Power Tech	96000.00	500	98	512

This tender was floated as per D&S NTDC Lahore specification No. DDS-84:2007 Amended to-date. According to which the maximum losses allowable against each capacity of transformer is reproduced as under:

KVA Ratings (Capacity of Transformer)	15	25	50	100	200	400	630
Iron Losses (W)	68	98	140	248	396	740	1080
Copper Losses (W)	348	512	936	1616	2728	4480	6520

According to specification clause No. 16.5 & 16.5.1 the bid above than specified losses would be treated non responsive however the manufacturer can offer losses less than above losses and it will be evaluated with offered losses by the bidder than the maximum allowable losses would be calculated in accordance with the formula given below:

$$TOC = \text{Quoted Price} + (K1 \times \text{Iron Losses}) + (K2 \times \text{Copper Losses})$$

Where: Iron Losses (K1) : Rs. 2,99,948 per kw

Copper losses (K2) : Rs. 145,299 per kw

The calculation of TOC as per losses quoted in the tender is as under:

Sr. No.	TOC	Transfo Power	Sky Power	Pak Elektron	Validus Engg:	Power Tech
1	K1 x Iron losses	299.948 x 93	299.948 x 80	299.948 x 98	299.948 x 88	299.948 x 98
	=	27895.164	23995.84	29394.904	26395.424	29394.904
2	K2 x Copper losses	145.299x490	145.299x475	145.299x512	145.299x476	145.299x512
	=	71196.51	69017.025	74393.088	69162.324	74393.088
3	Quoted Price	98500.00	114000.00	99000.00	111200.00	96000.00
	TOC (1 + 2 +3) =	197591.67	207012.87	202787.99	206757.75	199787.99

Out of the above participant firms, M/s Transfo Power emerged as lowest bidders on TOC basis for the full tendered quantity i.e 500 No. 25 KVA Transformers. Tender Technical, Commercial, & Financial Evaluation committee given its recommendations as below:

"M/s Transfo Power Pvt. Ltd. Lahore has been evaluated as 1st lowest responsive bidder by quoting the rate of Rs. 98500/- each @ TOC 197591.67 for the full tendered quantity of 500 No. 25 kVA Transformers whereas M/s Power Tech found as 2nd responsive bidder by quoting the rate of Rs. 96000/- each @ TOC 199787.99 for the full tendered quantity respectively".

This office also kept in view the PPRA rules and PEPCO/WAPDA specification No. DDS-84:2007 amended to date issued by Chief Engineer (D&S) NTDC Lahore. Rate comparison of lowest evaluated bid with previous purchase rate of MEPCO & other DISCOs on TOC basis is as under:

Sr. No.	TOC	Lowest T/Rate (Rs.)	MEPCO 15.06.17	GEPCO 03.07.17	HESCO 16.08.16	FESCO 09.08.16	LESCO 22.11.16	SEPCO 08.12.16
1	K1 x Iron losses	299.948 x 93	299.948 x 80	299.948 x 80	299.948 x 98	299.948 x 98	299.948 x 98	299.948 x 98
	=	27895.164	23995.84	23995.84	29394.904	29394.904	29394.904	29394.904
2	K2 x Copper losses	145.299x490	145.299x475	145.299x475	145.299x512	145.299x512	145.299x512	145.299x512
	=	71196.51	69017.025	69017.025	74393.088	74393.088	74393.088	74393.088
3	Quoted Price	98500.00	100000.00	102000.00	127800.00	119500.00	124600.00	122427.00
	TOC (1 + 2 +3) =	197591.67	193012.87	195012.87	231587.99	223287.99	228387.99	226214.99

MEPCO lowest evaluated bid on TOC basis is 2.37% higher as compared with the previous purchase rates of MEPCO. The comparison of Copper in LME is as under:-

:

Description	Copper (LME) USS
16.05.17 (Previous P.O date)	5583.00
13.09.17 (Current Tender date)	6526.00
%age Increase / Decrease	+ 16.89

The LME prices trend is also on increasing side for future contracts. The status of requirement and stock is as under:

Description	Req: of F/Y 2017-18	Stock Balance 03.10.17	Pipeline	This Tender Qty
25 kVA Dist: Transformers	5547	-	3407	500

Total cost is worked out as under:

Sr. No.	Description	Qty (No.)	Rate/Unit (Rs.)	Total	Name of the firm
1	25 kVA Transformers	500	98500.00	49250000	M/s Tranfo Power

The total cost for the procurement of 500 No. 25 KVA Transformers @ Rs. 98500/- each would be amounting to Rs. 49.25 million (excluding GST) from M/s Tranfo Power. CEO also accorded approval for putting up agenda item in BOD. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee recommended the case to the Board for its approval. The Board was requested to accord its approval for procurement of 500 No. 25 KVA Transformers from tender lowest firm M/s Tranfo Power @ Rs.98500/- each against Tender No. 34.

Decision.

Considering the recommendations of Tender Evaluation Committee, request of Chief Engineer (Dev) PMU and recommendations of the Procurement Committee, the Board accorded its approval for procurement of 500 No. 25 KVA Transformers from tender lowest firm M/s Tranfo Power @ Rs.98500/- each. The total cost for procurement of proposed items would be amounting to Rs.49.25 million (excluding GST) against tender No. 34 dated 13.09.2017.

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the bid submitted for the said procurement has been carried out correctly on the basis of true facts of each bid submitted by the bidders.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

v. Approval for procurement of 1000 No. 50 KVA Distribution Transformers (T/No. 35 dt: 13.09.2017).

The agenda was presented by the Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was apprised that tender was floated to purchase the quantity 1000 No. 50 kVA Distribution Transformers with the approval of CEO MEPCO and opened on 13.09.2017. Ten (10) firms purchased the tender documents whereas four (04) firms participated in the tender opening process and quoted their rates on FCS basis without GST along with Iron & Copper (I/C) losses and with offered quantities, detail as below:

Sr. No.	Name of Firm	50 kVA Dist: T/Formers (Qty: 1000 No.)		Quoted Losses (Watts)	
		T/Rate (Rs.)	Off: Qty:	Copper	Off: Qty
1	M/s Tranfo Power	139900.00	1000	140	912
2	M/s Sky Power	148500.00	500	140	890
3	M/s Pak Elektron Ltd.	152000.00	1000	140	936
4	M/s Valid Engg:	160000.00	500	125	895

This tender was floated as per D&S NTDC Lahore specification No. DDS-84:2007 Amended to date. According to which the maximum losses allowable against each capacity of transformer is reproduced as under please: *hw*

KVA Ratings (Capacity of Transformer)	15	25	50	100	200	400	630
Iron Losses (W)	68	98	140	248	396	740	1080
Copper Losses (W)	348	512	936	1616	2728	4480	6520

According to specification clause No. 16.5 & 16.5.1 the bid above than specified losses would be treated non responsive however the manufacturer can offer losses less than above losses and it will be evaluated with offered losses by the bidder than the maximum allowable losses would be calculated in accordance with the formula given below:

$$TOC = \text{Quoted Price} + (K1 \times \text{Iron Losses}) + (K2 \times \text{Copper Losses})$$

Where: Iron Losses (K1) : Rs. 2,99,948 per kw

Copper losses (K2) : Rs. 145,299 per kw

The calculation of TOC as per losses quoted in the tender is as under:

Sr No.	TOC	Transfo Power	Sky Power	Pak Elektron	Validus Engg:
1	K1 x Iron losses	299.948 x 140	299.948 x 140	299.948 x 140	299.948 x 125
	=	41992.72	41992.72	41992.72	37493.5
2	K2 x Copper losses	145.299x912	145.299x890	145.299x936	145.299x895
	=	132512.688	129316.11	135999.864	130042.605
3	Quoted Price	139900.00	148500.00	152000.00	160000.00
	TOC (1 + 2 +3) =	314405.41	319808.83	329992.58	327536.11

Out of the above participant firms, M/s Transfo Power emerged as lowest bidders on TOC basis for the full tendered quantity i.e 1000 No. 50 KVA Transformers. Tender Technical, Commercial, & Financial Evaluation committee given its recommendations as below:

"M/s Transfo Power Pvt. Ltd. Lahore has been evaluated as 1st lowest responsive bidder by quoting the rate of Rs. 139900/- each @ TOC 314405.41 for the full tendered quantity of 1000 No. 50 kVA Transformers whereas M/s Sky Power found as 2nd bidder by quoting the rate of Rs. 148500/- each @ TOC 319808.83 for the quantity of 500 No. respectively".

This office also kept in view the PPRA rules and PEPSCO/WAPDA specification No. DDS-84:2007 amended to date issued by Chief Engineer (D&S) NTDC Lahore. Rate comparison of lowest evaluated bid with previous purchase rate of MEPCO & other DISCOs on TOC basis is as under:

Sr. No.	TOC	MEPCO lowest T/Rate (Rs.)	MEPCO 15.06.17	FESCO 15.11.16	LESCO 22.11.16	GEPCO 03.07.17
1	K1xIron losses	299.948x140	299.948 x 140	299.948x140	299.948x140	299.948 x 140
	=	41992.72	41992.72	41992.72	41992.72	41992.72
2	K2xCopper losses	145.299x912	145.299x890	145.299x936	145.299x936	145.299x890
	=	132512.688	129316.11	135999.864	135999.864	129316.11
3	Quoted Price	139900.00	129829.00	183165.00	171150.00	134000.00
	TOC (1 + 2 +3) =	314405.41	301137.83	361157.58	349142.58	305308.83

MEPCO lowest evaluated bid on TOC basis is 4.10% higher as compared with the previous purchase rates of MEPCO. The comparison of Copper in LME is as under:

Description	Copper (LME) USS
16.05.17 (Previous P.O date)	5583.00
13.09.17 (Current Tender date)	6526.00
%age Increase / Decrease	+ 16.89

The LME prices trend is also on increasing side for future contracts. The status of requirement and stock is as under:

Description	Req: of F/Y 2017-18	Stock Balance 03.10.17	Pipeline	This Tender Qty
50 KVA Dist: Transformers	2687	-	1040	1000

Total cost is worked out as under:

Sr. No.	Description	Qty (No.)	Rate/Unit (Rs.)	Total	Name of the firm
1	50 KVA Transformers	1000	139900.00	139900000	M/s Transfo Power

The total cost for the procurement of 1000 No. 50 KVA Transformers @ Rs. 139900/- each would be amounting to Rs. 139.9 million (excluding GST) from M/s Transfo Power. CEO also accorded approval for putting up agenda item in BOD. The Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee recommended the case for Board's approval. The Board was requested to accord its approval for procurement of 1000 No. 50 KVA Transformers from tender lowest firm M/s Transfo Power @ Rs.139900/- each against Tender No. 35.

Decision

Considering the recommendations of the Tender Evaluation Committee, request of Chief Engineer (Dev) PMU and recommendations of the Procurement Committee, the Board accorded its approval for procurement of 1000 No. 50 KVA Transformers from tender lowest firm M/s Transfo Power @ Rs.139900/- each. The total cost for procurement of proposed items would be amounting to Rs.139.9 million (excluding GST) against Tender No. 35 dated 13.09.2017.

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the bid submitted for the said procurement has been carried out correctly on the basis of true facts of each bid submitted by the bidders.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

vi. Approval for procurement of 30000 No. Disc Insulators (T/No. 44 opened on 21.09.2017).

The Agenda was presented by the Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was apprised that tender was floated to purchase the quantity 30000 No. Disc Insulators with the approval of CEO MEPCO and opened on 21.09.2017. Only (01) One firm purchased the tender documents & participated in the tender opening process and quoted their rates on FCS basis without GST alongwith offered quantities, detail as below:

Name of Firm	Disc Insulators (Qty: 30000 No.)	
	T/Rate (Rs.)	Off: Qty (No.)
M/s Emco Industries	890.00	30000

The only participant firm i.e M/s Emco Industries offered the rate of Rs. 890/- each for the full tendered quantity. Comparison of tender rates with the previous purchase rates of MEPCO & other DISCOs is as under:

Name of Disco	Lowest T/Rate (Rs)	MEPCO 01.06.17	TESCO 10.01.17	IESCO 30.06.17	LESCO 07.02.17	SEPCO 16.01.17
Previous Purchase Rates	890.00	890.00	920.00	890.00	889.00	889.00

The tender rate is at par with the latest purchase rates of MEPCO. It is pertinent to mention here that M/s Emco Industries is the only manufacturer of Disc Insulators in Pakistan. Total cost is worked out as under:

Sr. No.	Description	Qty (No.)	Rate/Unit (Rs.)	Total	Name of firm
1	Disc Insulators	30000	890.00	26700000	Emco Industries

The total cost for the procurement of 30000 No. Disc Insulators @ Rs. 890/- each would be amounting to Rs. 26.7 million (excluding GST) from M/s Emco Industries. CEO also accorded approval for putting up agenda item in BOD. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee also recommended the case for Board's approval. The Board was requested to accord its approval for procurement of 30000 No. Disc Insulators @ Rs.890/- each amounting to Rs. 26.7 million from M/s Emco Industries against tender No. 44 dated 21.09.2017.

Decision

Considering the recommendations of the Tender Evaluation Committee, request of Chief Engineer (Dev) PMU and recommendations of the Procurement Committee, the Board accorded its approval

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for procurement of 30000 No. Disc Insulators from tender lowest firm M/s Emco Industries @ Rs. 890/- each. The total cost for procurement of above item would be amounting to Rs. 26.7 million (excluding GST) against tender No.44 dated 21.09.2017.

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the bid submitted for the said procurement has been carried out correctly on the basis of true facts of each bid submitted by the bidders.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

vii. Approval for procurement of 5000 No. 11 kv Dropout Cutout (D-Fuse Fittings) (T/No. 28 opened on 11.09.2017)

The Agenda was presented by the Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was apprised that tender was floated to purchase the quantity 10000 No. 11 kv Dropout Cutout (D-Fuse Fittings) with the approval of CEO MEPCO and opened on 11.09.2017. Six (06) firms purchased the tender documents where three (03) firms participated in the tender opening process and quoted their rates on FCS basis without GST alongwith offered quantities, detail as below:

Sr. No.	Name of Firm	D-Fuse Fittings (10000 No.)	
		T/Rate (Rs.)	Off: Qty (No.)
1	M/s Umair Industries	5610.00	5000
2	M/s Malik & Sons	5610.00	5000
3	M/s Naeem & Co.	5600.00	5000

Out of above participant firms M/s Naeem & Co. emerged as lowest bidders by offering the rate of Rs. 5600/- each against their above offered quantities. Lateron, all the three participant firms voluntarily revised their tender rate as Rs. 5400/- each. Comparison of revised tender rate with the previous purchase rates of MEPCO & other DISCOs is as under:

Name of Disco	Revised T/Rate (Rs.)	MEPCO 02.08.17	LESCO 14.07.17	GEPSCO 27.07.17	QESCO 20.06.17
11 kv Dropout Cutout (D-Fuse Fittings)	5400.00	5400.00	5450.00 T/Rate	5399.00 T/Rate	5600.00

The revised tender rate is at par with the previous purchase rate of MEPCO. The Procurement Committee was requested to recommend the case to the Board for its approval. After detail discussion the Committee agreed to purchase 5000 No. D-Fuse Fittings from 1st lowest bidder in initial tendering. Total cost is worked out is as under:-


Sr.No.	Description	Qty (No.)	Rate/Unit (Rs.)	Total	Name of firm
1	11 kv Dropout Cutout (D-Fuse Fittings)	5000	5400.00	27000000	M/s Naeem & Co. (1st lowest bidder)

The total cost for the procurement of 5000 No. 11 kv Dropout Cutout (D-Fuse Fittings) @ Rs. 5400/- each amounting to Rs. 27 million (excluding GST) from above firms. CEO also accorded approval for putting up agenda item in BOD. The Board was requested to accord its approval for procurement of 5000 No. 11 kv Dropout Cutout (D-Fuse Fittings) from tender lowest firm M/s Naeem & Co. @ Rs. 5400/- each against Tender No. 28.

Decision

Considering the request of Chief Engineer (Development) PMU, recommendations of Tender Evaluation Committee and Procurement Committee, the Board accorded its approval for procurement of 5000 No. 11 kv Dropout Cutout (D-Fuse Fittings) from tender lowest firm M/s Naeem & Co. @ Rs. 5400/- each. The total cost for the procurement of 5000 No. 11 kv Dropout Cutout (D-Fuse Fittings) @ Rs. 5400/- each amounting to Rs. 27 million (excluding GST) from M/s Naeem & Co. against Tender No.28 dated 11.09.2017.

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case. 

2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the bid submitted for the said procurement has been carried out correctly on the basis of true facts of each bid submitted by the bidders.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

viii. Approval for procurement of 150 Set 11 kv Capacitor Bank 450 kvar (T/No. 10 opened on 08.08.2017)

The agenda was presented by the Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was apprised that tender was floated to purchase the quantity 150 Sets 11 kv Capacitor Bank 450KVAR with the approval of CEO MEPCO and opened on 08.08.2017. Only (01) One firm purchased the tender documents & participated in the tender opening process and quoted their rates on FCS basis without GST alongwith offered quantities, detail as below:

Name of Firm	11 kv Capacitor Bank 450 kVAR Qty: 150 Sets	
	T/Rate (Rs.)	Off: Qty (set)
M/s Khawaja Electronics	102800.00	150

The only participant firm i.e M/s Khawaja Electronics offered the rate of Rs. 102800/- per set for the full tendered quantity i.e 150 sets. Comparison of lowest tender rates with the previous purchase rates of MEPCO & other DISCOs is as under:

Name of Disco	Lowest T/Rate (Rs)	MEPCO 22.11.16	HESCO 06.09.17	GEPSCO 22.11.16	QESCO 24.05.17
Previous Purchase Rates	102800.00	99600.00	103000	99700.00	103800.00

The tender rate is on lower side with as compared with the latest purchase rates of HESCO & QESCO. It is pertinent to mention here that M/s Khawaja Electronics is the only manufacturer of 11 KV Capacitor Bank 450 kVAR in Pakistan. Total cost is worked out as under:

Sr. No.	Description	Qty (Set)	Rate/Unit (Rs.)	Value	Name of firm
1	11 KV Capacitor Bank 450 KVAR	150	102800.00	15420000	M/s Khawaja Electronics

The total cost for the procurement of 150 Sets 11 kv Capacitor Bank 450 kvar @ Rs. 102800/- per set would be amounting to Rs. 15.42 million (excluding GST) from M/s Khawaja Electronics. CEO also accorded approval for putting up agenda item in BOD. The Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee also recommended the case for Board's approval. The Board was requested to accord its approval for procurement of 150 Sets 11 kv Capacitor Bank 450 kvar @ Rs. 102800/- per set would be amounting to Rs. 15.42 million (excluding GST) from M/s Khawaja Electronics.

Decision

Considering the request of the Chief Engineer (Dev) PMU, the recommendations of Tender Evaluation Committee and Procurement Committee, the Board accorded its approval for procurement of 150 Sets 11 kv Capacitor Bank 450 kvar from tender lowest firm M/s Khawaja Electronics @ Rs. 102800/- per set against Tender No. 10.

The total cost for proposed procurement items would be amounting to Rs. 15.42 million (excluding GST) against tender No.10 dated 08.08.2017.

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the bid submitted for the said procurement has been carried out correctly on the basis of true facts of each bid submitted by the bidders.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences. *W*

ix. **Approval for revised yearly Procurement Plan for the Fiscal Year 2017-18 in respect of Transformer Reclamation Workshops Multan, Bahawalpur & Vehari.**

The agenda was presented by the General Manager (Op). The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was apprised that the tentative procurement plan for the F/Y 2017-18 was put up to BOD MEPCO in its 126th meeting which was held on 10.09.2017. BOD in its decision instructed to present revised procurement plan for Transformer Reclamation Workshop material. Accordingly, Dy. Manager (TRW), MEPCO has reviewed the complete case and following detail was submitted for approval. TRW Multan has been established since 2004 and gradually enhanced the repairing capacity. Target has been fixed for repair of 950 Nos damaged transformer per month at TR Workshops (650 Nos. at Multan, 150 Nos at Vehari, & 150 Nos Bahawalpur) to meet with the demand of field formations. The Bahawalpur & Vehari is functional w.e.f March -2017 and TRW D.G. Khan has also been started working from August-2017. Status of material procured and transformer repaired during last 02 years at TRW MEPCO Multan is as under: -

Fiscal Year	T/Fs Repaired during the Year	Per Month Repair	Material Procured during the year in (kg)		
			Enameled Copper Wire (different Sizes)	Paper Covered Copper Strips different Sizes	T/Former Oil (Ltrs)
2015- 16	5585	465	175,919	106,617	282,465
2016-17	4780	398	117,933	63,232	350,000

Tentative detail of material will be utilized against reclaiming of 11400 Nos. damaged T/Fs (TRW Multan, Bahawalpur & Vehari) for FY 2017-18 is as under:

Fiscal Year	T/Formers to be repaired during the Year	Per Month Repair Target	Demand of Material for the Year 2017-2018				Tentative Budget Requirement to meet with new target
			Qty. & Value of Enameled Copper Wire (different Sizes)	Qty.& Value of Paper Covered Copper Strips different Sizes	Qty.& Value of T/Former Oil (Ltrs)	Value of Tender of Allied Material	
2017-18	11400	950	339444 Kg	388500 Kg	980000	58.124 Million	653.145 (Million)
			244.659 (M)	264.122 (M)	86.240 (M)		
The Remaining material will be received form Re-Cycling of dismantled HT / LT copper winding scrap.							

Keeping in view of above, the revised procurement plan for transformer reclamation workshop for FY 2017-18 is as under:

Description	Last F.Y 2016-17 approved Plan in (Million)	Previous tentative amount submitted to BOD which was rejected (Million)	Revised tentative amount for FY 2017-18 (Million)	% Increase
Transformer Reclamation Workshops material (Multan, Bahawalpur & Vehari)	466.44	950.97	653.145	40.02

The Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee also recommended the case for Board's approval. The Board was requested to accord its approval for revised estimated Annual Procurement Plan in respect of Transformer Reclamation Workshops Multan, B-Pur & Vehari amounting to Rs. 653.145 million excluding taxes.

Decision

Considering the request of General Manager (Op) & recommendation of Procurement Committee, the Board accorded its approval for revised estimated Annual Procurement Plan in respect of Transformer Reclamation Workshops Multan, B-Pur & Vehari amounting to Rs. 653.145 million excluding taxes.

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case.
 2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
 3. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.
- x. **Approval for procurement of 14190 kg Enameled Copper Wire Through 15% Repeat / Additional for TRW Multan Against Tender No 32 dt 06.10.2016.**

The agenda was presented by the General Manager (Op). The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was informed that tender No 32 dated 06.10.2016 was floated for procurement of Enameled Copper Wire for Reclamation Work Shop Multan. The purchase orders were placed upon the following firm for the supply of above material with the approval of BOD through Circular Resolution No 09/2017 dt 03.03.2017. The detail of Purchase Order No 17947-50 dated 22.03.2017 issued to the firm is as under:-

Name Of Firm	0.6mm (kg)		0.8mm (kg)		1.1mm (kg)		1.5mm (kg)	
	Qty	Rate	Qty	Rate	Qty	Rate	Qty	Rate
M/S Swat Industry	15600	668	20000	669	24000	668	35000	668

As per purchase order Clause B-Special Condition (v), Mepco Reserve the right to increase /decrease 15% of the quantity within currency of contract or within six months from the issuance of purchase order whichever is later. At Present rate of LME is on increasing side and previous rate is in MEPCO favor, Moreover Dy: Manager (TRW) MEPCO has also requested for issuance of 15% Repeat Order as the Reclamation Workshop is facing acute shortage of material. The Total cost is worked out as under.

Enameller Copper Wire	Order Qty (kg)	Purchase Rate	15% Addl: Qty (kg)	Cost of Original P.O	Addl: Cost (Rs)	Total Cost (Addl +Org)
0.6mm 25kva	15600	668/-	2340	10420800	1563120	11983920
0.8mm 50kva	20000	669/-	3000	13380000	2007000	15387000
1.1mm 100kva	24000	668/-	3600	16032000	2404800	18436800
1.5mm 200kva	35000	668/-	5250	23380000	3507000	26887000
Total				63212,800	9481920	72694720
Million				63.212	9.481	72.694

The Additional cost for the procurement of 14190 kg different sizes Enameled Copper Wire would be amounting to Rs. 9.481 Million (Excl. GST) from aforementioned firm. CEO MEPCO has also accorded approval for putting up Agenda Item in BOD. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee recommended the case to the Board for its approval. The Board was requested to accord its approval for procurement of 14190 kg different sizes Enameled Copper Wire through 15% Repeat Order from M/S Swat Industry against Tender No. 32 dated 06.10.2016.

Decision

Considering the request of General Manager (Op) & Recommendations of Procurement Committee, the Board accorded its approval for procurement of 14190 kg different sizes Enameled Copper Wire through 15% Repeat Order from M/S Swat Industry. The additional Cost would be amounting to Rs. 9.481 Million (Excluding GST) against Tender No. 32 dated 06.10.2016.

The above approval is based on following confirmation by the management

1. It is confirmed that the working paper represents true facts of subject case.
2. Rules & procedure as laid down for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the case has been carried out correctly on the basis of true facts.

4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

xi. Approval for procurement of 9846 kg different sizes Paper Covered Copper Strips through 15% Repeat /Additional for TRW Multan Against Tender No 31 dt 06.10.2016.

The agenda was presented by the General Manager (Op). The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was informed that tender No 31 dated 06.10.2016 was floated for procurement of different sizes Paper Covered Copper Strips for Reclamation Work Shop Multan. The purchase orders were placed upon the following firm for the supply of above material with the approval of BOD through Circular Resolution No 09/2017 dt 03.03.2017. The detail of Purchase Order No 17945-46 dated 22.03.2017 issued to the firm is as under:-

Name Of Firm	3x4mm 25Kva		4x5mm 50-200Kva		5x8mm 100-200Kva	
	Qty	Rate	Qty	Rate	Qty	Rate
M/S Swat Industry	9000	630	12000	630	44640	628.5

As per purchase order Clause B-Special Condition (v), MEPCO Reserve the right to increase /decrease 15% of the quantity within currency of contract or within six months from the issuance of purchase order whichever is later. At Present rate of LME is on increasing side and previous rate is in MEPCO favor, Moreover Dy: Manager (TRW) MEPCO has also requested for issuance of 15% Repeat Order as the Reclamation Workshop is facing acute shortage of material. The Total cost is worked out as under:-

Paper Covered Copper Strips	Ordered Qty. (KG)	Purch: Rate on FCS (Rs.)	15% Addl: Qty. (KG.)	Cost of Org: P.O (Rs.)	Addl. Cost (Rs.)	Total Cost Org+Add: (Rs)
3x4mm 25KVA	9000	630	1350	5,670,000	850,500	6,520,500
4x5mm 50-200KVA	12000	630	1800	7,560,000	1,134,000	8,694,000
5x8mm 100-200KVA	44640	628.5	6696	28,056,240	4,208,436	32,264,676
TOTAL				41,286,240	6,192,936	47,479,176
Million				41.286	6.192	47.479

The additional cost for the procurement of 9846 kg different sizes Paper Covered Copper Strips would be amounting to Rs. 6.192 Million (Excl. GST) from aforementioned firm. CEO MEPCO has also accorded approval for putting up Agenda Item in BOD. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee recommended the case to the Board for its approval. The Board was requested to accord its approval for procurement of 9846 kg different sizes Paper Covered Copper Strips through 15% Repeat Order from M/S Swat Industry against Tender No. 31 dated 06.10.2016.

Decision

Considering the request of General Manager (Op) & recommendations of Procurement Committee, the Board accorded its approval for procurement of 9846 kg different sizes Paper Covered Copper Strips through 15% Repeat Order from M/S Swat Industry against Tender No. 31 dt. 06.10.2016. The additional cost would be amounting to Rs. 6.192 Million (Excluding GST).

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case
2. Rules & procedure as laid down for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the case has been carried out correctly on the basis of true facts.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences. *h*

xii. Approval for procurement of Single Phase Static Meters Against Tender No 450 Dated 04.10.2017.

The agenda was presented by the Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was apprised that the status of Single Phase Static Meters in MEPCO is as under:-

Meters Issued to field formations during 07-2016 to 30.06.2017(2016-17)	600,459	Approx: Per Month Utilization 50,000 Nos
Demand of Meters for 2017-2018	567,478	
Meters utilized w.e.f 7/2017 to 30.09.2017 (03 Months) 2017-2018	220,295	
Stock Balance dt 05.10.2017	27,500	
Material in Pipe Line dt 05.10.2017	15,000	
Total Availability	42,500	
Net Required for 2017-2018	304,683	

A Tender Inquiry for procurement of 200000 Nos. Single Phase Static Energy Meters for Fiscal Year 2017-18 was floated in widely circulated newspapers after obtaining approval from Competent Authority. The tender in question was opened by the Tender Opening Committee on scheduled date and time i.e 04.10.2017. (Eight) 08 Firms purchased the tender documents, whereas 03 (Three) firms have participated in the tender opening process and quoted their per unit Tender Price on FCS basis without GST, detail as below:-

Sr. No.	Name of Firm	Per unit quoted Rate	Qty Offered
1	M/S Accurate (Pvt) Ltd	897/-	100000
2	M/S KBK Electronics	910/-	200000
3	M/S Pak Electron Ltd	1050/-	200000

M/S Accurate (Pvt) Ltd emerged as 1st lowest in the tender. The Per unit latest DISCOs rates are as under :-


Present Lowest Tender Rate	LESCO	GEPSCO	MEPCO	FESCO
Rs. 897/-	914/- 09 / 2017	1170/- 07/2017	1029/- 05 / 2017	1375/- 10 / 2016
% Inc / Dec	-1.85			

It was further apprised that the case was presented to the Procurement Committee of BOD for procurement of 100000 Nos. Single Phase Meters from tender lowest firm M/S Accurate (Pvt) Ltd. The Procurement Committee was requested to recommend the case to the Board for its approval. During discussion the Procurement Committee advised to process the case for procurement of complete tender Qty i.e 200000 Nos. Single Phase Static Meters to avoid shortage of meters and to get maximum benefit of low price of meter as the 2nd lowest firm M/S KBK Electronics has also voluntarily matched the rate with 1st lowest i.e Rs.897/- per unit vide No TD/KBK-905/2017 DT 05.10.2017 and offered rate is lowest among all DISCO.

Description	Qty	Rate	Value	Name of Firm
Single Phase Meters	100000 Nos	Rs.897/-	89,700,000	M/S Accurate 1 st Lowest
	100000 Nos	Rs.897/-	89,700,000	M/S KBK Elect 2 ND Lowest
Total			179,400,000	

The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee recommended the case to the Board for its approval. The Board was requested to accord its approval for procurement of 200000 Nos Single Phase Static Meters @ Rs.897/- per unit against Tender No 450 dated 04.10.2017.

Decision

Considering the request of Chief Engineer (Dev) PMU & recommendations of Procurement Committee, the Board accorded its approval for procurement of 200000 Nos Single Phase Static Meters @ Rs.897/- per unit against tender no 450 dated 04.10.2017. 

Description	Qty	Rate	Value	Name of Firm
Single Phase Meters	100000 Nos	Rs.897/-	89,700,000	M/S Accurate 1 st Lowest
	100000 Nos	Rs.897/-	89,700,000	M/S KBK Elect 2 ND Lowest
Total			179,400,000	

The total cost for procurement of above item would be amounting to Rs.179.400 Million (Excluding Taxes).

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case.
2. Rules & procedure as laid down for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the case has been carried out correctly on the basis of true facts.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

xiii. Approval for load management arrangements regarding Monitoring of Load by MEPCO for Al-Hamad Corporation (Pvt) Ltd. D.G. Khan & Ahmed Hassan Textile Mill, Chowk Sarwar Shahed Under Tariff -2.

The agenda was presented by the Chief Engineer (P&E). The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was apprised that Al-Hamd Corporation (Pvt) Ltd. & Ahmed Hassan Textile Mills are permanent consumers of MEPCO with sanctioned Load of 10,970 kW & 7500 kW under Tariff B-4. At present both the connections are being fed through a T-Off connection from 132 kV T/Lines without any control of these independent grid stations at MEPCO end. The profile /plan tabling of both feeders through T-Off arrangement had been accorded Technical approval by Manager (Design T/L) NTDC Lahore, office of Chief Engineer (Design) NTDC, WAPDA House Lahore, accordingly. Later on in the light of M.D. PEPCO's directions to monitor and implement the load managements schedule accordingly an independent arrangement by installing separate independent 132 kV breaker for subject cited connections under tariff B-4 was suggested. BOD MEPCO accorded approval in its 104th meeting held on 16-07-2015 for implementing load management on said Grid Stations as well as to issue Demand Notices amounting to Rs. 101 Million to Al-Hamd Corporation & Rs. 30.117 Million to Ahmed Hassan Textile Mill for construction of independent 132 kV Transmission Lines from 132 kV nearby Grid Stations. Demand notices were served upon the said consumers, which however, even after regular follow-ups through this office have not been paid by the consumers so far. Moreover the consumers have submitted that said demand notices are patently unjustified and unwarranted as they are already being fully and comprehensively controlled and monitored, in all respects by MEPCO Power Control Center, the latest version of Smart GSM metering system is further installed in their premises as a counter check which is fully functional and under direct exclusive control of MEPCO. Their Management has further requested that said demand notices may please be withdrawn ab-initio. The transmission lines if necessary may be constructed by MEPCO's own sources. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee recommended the case to the Board for its approval. The Board was requested to consider the matter.

Decision

Considering the request of C.E (P&E) & recommendations of the Procurement Committee, the Board accorded its approval to withdraw the issued Demand Notices No. 711 & 710 upon Al-Hamd Corporation (Pvt.) Ltd. & Ahmed Hassan Textile Mills as they are being fully controlled & monitored by Smart GSM Metering System installed by MEPCO at their premises whose real time data is available at MEPCO Power Control Centre.

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case1.
2. Rules & procedure as laid down for such procurement have been duly complied with & adopted by the MEPCO. *g*

3. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences

xiv. Approval for procurement of 03 No. Cars for office VVIP duties.

The agenda was presented by DG (HR & Admin). The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was intimated that there are only two cars (Toyota Corolla 2.0D, Model-2006 & Toyota Altis, Model-2008) in Central Pool MEPCO HQ Multan for the transportation of official guests from Ministry of Energy (Power Division), NEPRA and other higher offices but these vehicles being old vintage are not worth transporting senior guests from higher offices. MEPCO BOD in its 124th meeting held on 18.06.2017 accorded approval for purchase of 02 No. Toyota Corolla Gli 1300cc manual cars for official VIP duties for MEPCO Transport Pool in amended Transport Policy-2016. Since Transport Policy-2016 is deferred, it is suggested that separate approval for purchase of 02 No. locally assembled Toyota Corolla Gli (1300cc) manual Cars and 01 No. Toyota Altis Grande CVTi (1800cc) Automatic Car may be accorded for the above purpose. The approximate cost of 03 Nos. cars is as under:

Sr. No.	Description	Cost of 01 No. Vehicle (Rs)	Total Cost (Rs)
1	Toyota Altis Grande CVTi (1800 cc) Automatic	2,650,000/-	2,650,000/- (approx)
2	Toyota Corolla Gli (1300cc) Manual	1,940,000/-	3,880,000/- (approx)
Grand Total (Rs.)			6,530,000/- (approx)

BOD MEPCO is competent to accord approval for the purchase of 03 Nos. vehicles for Rs.6.53 Million (approx) vide book of financial Powers of DISCO's-2003 Section III Clause 3.3.1. There is a ban on purchase of new vehicles. However these are essential vehicles which may be purchased in the best interest of Company. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee recommended the case to the Board for its approval. The Board was requested to accord its approval for purchase of 02 Nos. Toyota Corolla Gli (1300cc) Manual cars and 01 No. Toyota Altis Grande CVTi (1800cc) Automatic car for Rs.6.53Million (approx).

Decision

Considering the request of DG (HR & Admin) & recommendations of the Procurement Committee, the Board accorded its approval for purchase of 03 Nos. vehicles (02 No. Toyota Corolla Gli (1300cc) Manual cars and 01 No. Toyota Altis Grande CVTi (1800cc) Automatic car amounting to Rs.6.53 Million (approx), for official VIP duties.

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case.
2. Rules & procedure as laid down for such procurement have been duly complied with & adopted by the MEPCO.
3. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

xv. Approval for procurement of Computer Stationery for MEPCO Computer Centres against Tender No.223 Dated 25.07.2017 (F/Y 2017-18).

The agenda was presented by Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was intimated that tender was floated for procurement of following Computer Stationery items as per demand of Addl: Director General (IS) after obtaining approval of Chief Executive Officer, MEPCO for the Fiscal Year 2017-2018. Seven firms participated in the tender opening process and quoted their rates on FCS basis without Taxes. Detail is as under:-

Sr. No.	Item's Description	M/s A.Z Enterprises	M/s Paradise Press	M/s Art & Graphics	M/s Maryah Printers	M/s UBC Converted	M/s Al-akhra Publisher
01	Bill Form (G)	-	1619	-	1640	-	-
02	Bill Form (MDI)	1843	1619	1598	1640	-	1688
03	I-Part size 15x11	1349	1403	13773	-	1377	1613
04	I-Part Size 9.5x11	1143	980	1189	-	1200	1000

The procurement cost on the basis of lowest quoted rates by respective firms (highlighted above) is as under:-

Sr. No.	Description	Qty. in Box (2000)	Rate per Box	Amount in Rs.
1	Electricity Bill Form (Gen) A4 size	30135	1619	48788565
2	Electricity Bill Form (MDI) A4 size	979	1598	1564442
3	I-Part Computer Stationery size 15"x11"	8884	1349	11984516
4	I-Part Computer Stationery size 9.5" x 11"	230	980	225400
Total :-				62562923
				Say = 62.563 (M)

The comparison of current lowest quoted rate of MEPCO with previous purchase rate of MEPCO & new rates of other DISCOs is as under:-

Sr. No.	Item's Description	Newly quoted Lowest Rate (MEPCO)	MEPCO previous purchase Rates	LESCO new Rates (2017-18)	GEPSCO new Rates (2017-18)	IESCO new Rates (2017-18)	FESCO new Rates (2017-18)
01	Bill Form (G)	1619	1433	1629	1670	1738	1649
02	Bill Form (MDI)	1598	1433	1629	1670	1507	1649
03	I-Part size 15x11	1349	1324	1769	1637	1478	1587
04	I-Part Size 9.5x11	980	920	-	1192	-	-

The newly quoted lowest MEPCO rates of all items are some higher than MEPCO previous purchase rate but less than new rates of other DISCOs except Bill Form (MDI) in IESCO. Total cost for procurement of above items will be amounting to Rs 62.563 Million (Excluding 17 %GST). Tender Technical / Commercial Evaluation Committee has vetted the case for procurement of above Computer Stationery & CEO also accorded approval for putting up agenda item in BOD. It was also intimated that present stock will be exhausted within two months and delay in procurement may held up the bill printing work which will cause bad effect in revenue collection as a reasonable time is required in preparation, inspection and delivery of the same. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee recommended the case to the Board for its approval. The Board was requested to accord its approval for procurement of above Computer Stationery from lowest bidders.

Decision

Considering the request of Chief Engineer (Dev) PMU, recommendations of Tender Evaluation Committee and recommendations of procurement committee the Board accorded its approval for procurement of Computer Stationery from lowest bidders. The total cost for procurement of same would be amounting to Rs. 62.563 Million (Excluding GST) against tender No.223 dated 25.07.2017.

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case.
2. Rules & procedure as laid down for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the case has been carried out correctly on the basis of true facts.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

xvi. Approval for procurement of Consumable Items for Laser Printers Konica Minolta Pro-951 running in MEPCO Computer Centres against Tender No.222 Dated 25.07.2017 (F/Y 2017-18).

The agenda was presented by Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was intimated that tender was floated for procurement of following Consumable Items as per demand of Addl: Director General (IS) after obtaining approval of Chief Executive Officer, MEPCO for the Fiscal Year 2017-2018. Only one firm participated in the tender opening process

and quoted their rates on FCS basis without Taxes. The procurement cost on the basis of special revised rates by respective firm is as under:-

Sr. No.	Description	Qty.	Rate	Amount
1	Tonner TN-015	446	17984/-	8020864.00
2	Drum DR-012	50	56190/-	2809950.00
3	Developer	52	27830/-	1447160.00
4	Transfer Belt	20	15813/-	316260.00
5	Hot Roller Upper	14	34496/-	482944.00
6	Hot Roller Lower	14	34458/-	482412.00
7	Maintenance Kit	43	36740/-	1579820.00
Total :-				15,139,410.00
				Say = 15.139 (M)

The rate comparison with other DISCOs is not feasible because none of the DISCOs has yet purchased this brand of Printers. However, the quoted rates for 2017-18 were observed 25-28.5% higher than previous purchase rate of MEPCO. On inquiring by MEPCO, M/s Skif intimated that increase in rate is due to waiver of special discounted rate by manufacturer for MEPCO after the expiry of warranty period. After taking up the matter by M/s Skif and OAG (sole distributor in Pakistan) with manufacturer (Konica Minolta Japan), special discounted rates were given as below:-

Sr. No.	Item's Description	Purchase Rate in 2015-16	Purchase Rate in 2016-17	Quoted Rate (2017-18)	Special Revised Rate (2017-18)
01	Tonner TN-015	17800	16349	20500	17984
02	Drum DR-012	52700	51090	64000	56199
03	Developer	26500	25300	32500	27830
04	Transfer Belt	15600	14375	18150	15813
05	Hot Roller Upper	32900	31360	39250	34496
06	Hot Roller Lower	32900	31325	39250	34458
07	Maintenance Kit	35000	33400	42000	36740

The newly quoted (special revised) rates of all items are some higher than MEPCO previous purchase rates but seems reasonable and recommended for acceptance. Total cost for procurement of above items will be amounting to Rs 15.139 Million (Excluding 17 %GST). Tender Technical / Commercial Evaluation Committee has vetted the case for procurement of above Consumable Items & CEO also accorded approval for putting up agenda item in BOD as the approval of next higher authority is required due to participation of less than three bidders in the tender. It was also intimated that existing stock of above items is going to be exhausted very shortly and delay in procurement may held up the bill printing work which will cause bad effect in revenue collection as a reasonable time is required in import, inspection and delivery of the same. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee recommended the case to the Board for its approval. The Board was requested to accord its approval for procurement of Consumable Items from M/s Skif Enterprises. Total cost for procurement of same will be amounting to Rs.15.139 Million (excluding GST) against Tender No.222 dated 25-07-2017.

Decision

Considering the request of Chief Engineer (Dev) PMU, recommendations of Tender Evaluation Committee and procurement committee, the Board accorded its approval for procurement of Consumable Items from M/s Skif Enterprises. Total cost for procurement of same will be amounting to Rs.15.139 Million (excluding GST) against tender No.222 dated 25-07-2017.

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject case.
2. Rules & procedure as laid down for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the case has been carried out correctly on the basis of true facts. *W*

4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences

xvii. Approval to:

(i) **Allow Company Secretariat to send working paper files of BOD and Committee meetings in electronic form only.**

(ii) **Adopt proposed MEPCO Tablet PC usage Policy.**

(iii) **To direct CE (Dev) to procure 13 No. Tablets.**

The agenda was presented by Company Secretary. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 10.10.2017. The Committee was intimated that During the Course of discussion in 127th BOD meeting dated: 17/09/2017, the Board instructed to carry out the working for paperless meeting on the analogy of GEPCI & NTDC. In this regard, it is submitted that by making this switch maximum cost associating with printing, postage, organizing, separator, files etc can be minimized and wastage of a lot of papers before its use can be avoided. Total estimated number of pages to be printed yearly are tabulated as under:-

Meeting	No. of pages in the WP of last held Meeting.	No. of Copies files prepared.	No. of meetings held during year.	Total no. of pages per year.	No. of days require to prepare files
BOD	573	18	12	123768	3
HR Committee	252	16	14	56448	3
Audit Committee	107	14	7	10486	3
Procurement Committee	369	16	19	112176	3
Legal Committee	200	10	3	6000	3
Safety Committee	53	10	1	530	3
ERP Committee	-	-	5	-	-
Total estimated No. of pages to be printed per year.				309408	

By moving towards paperless communication, following advantages can be achieved.

- 1) Presently, the Company Secretariat at MEPCO is given just one room to store all the working paper files of the BOD as well as COMMITTEE meetings and to accommodate the supporting staff. There is no cabinet to keep the working paper files safe from deterioration and unauthorized access. This switch will minimize the storage costs.
- 2) We have to keep copies of same agenda items in duplicate or even triplicate. Same agenda when recommended by the committee, the working papers are printed again and if the Agenda items deferred in Committee meetings/BOD meetings for further deliberation, the same have to be printed again and again until these are finally resolved by the Board. Electronic communication can minimize all the efforts and costs for printing etc.
- 3) Through Paperless communication, a lot of time can be saved which is required to print, organize and ensure quality of the above mentioned working paper files. It is cumbersome job to manually do numbering, referencing and cross referencing and ensure quality of all manually prepared physical files. Further, it will save the employee time required in scrutinizing and retrieving data from physically stored files.
- 4) These working paper files often contain confidential information and need to be secured from unauthorized access which cannot be ensured in case of dissemination of physical working paper files. Electronic files will be shared electronically and can be viewed by authorized persons only.
- 5) We can keep the back up of digital files on i-cloud or on Google drive which ensures the disaster recovery of the data and if some Board Member is out of station and want to access any information, he can get required information easily in just one click.
- 6) It is more convenient to review electronic files, as the page numbers to the scanned documents are assigned electronically, book marks will be added to locate working papers pertaining to a specific agenda item with just one click/touch, you can add comments, highlight text, using cascade routine

Handwritten signature

you can view two different parts of same document or different documents side by side and hence can compare information on different pages, organize your own e-library of work files. etc.

In order to achieve the paperless communication and to minimize MEPCO's exposure information security risk "MEPCO Tablet PC Usage Policy" has been drafted and same is attached herewith for consideration/approval of the members, furthermore 10 No. Tablets are being purposed for procurement. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Committee recommended the case to the Board for its approval. The Board was requested to accord its approval:-

1. To allow Company Secretariat to send the working paper files of BOD and Committee meetings in electronic form only.
2. To adopt purpose MEPCO Tablet PC usage Policy.
3. To direct CE (Dev) to procure 13 No Tablets.

Decision

Considering the request of Company Secretary & recommendations of Procurement Committee, the Board accorded its approval:-

1. To allow Company Secretariat to send the working paper files of BOD and Committee meetings in electronic form only.
2. To adopt purpose MEPCO Tablet PC usage Policy.
3. To direct CE (Dev) to procure 13 No Tablets

xviii. Approval for extension in load from 22.0 MW to 27.0 MW for M/s Colony Textile Mills Ismail- abad Multan under tariff B-4, A/c No. 30-15138-0000100 U.

The Agenda as presented by Chief Engineer (P&E). The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 13.10.2017. The Committee was apprised that M/s Colony Textile Mills is a permanent consumer of MEPCO with sanctioned load 19.5 MW under Tariff B-4. BOD MEPCO in 108th meeting held on 03.12.2015 has accorded approval for extension in load of M/s Colony Textile Mills from 19.5 MW to 22.0 MW (2.5 MW net extension) after soliciting comments of Director Legal along-with advice from Senior MEPCO Council Rao Muhammad Iqbal Advocate Supreme Court of Pakistan mentioned as: "it is sweet will of MEPCO BOD to refuse or grant extension of load to M/S Colony Textile Mills", which was approved by 6-4 majority voting in MEPCO BOD meeting, for M/S Colony Textile Mills, Ismailabad, Multan under Tariff B-4 as the case of outstanding dues of M/s Colony Textile Mills was pending in the Court.SJO No.78629 dated 04.03.2016 was issued to the consumer regarding the extension of Load from 19.5 MW to 22.0 MW but is still pending as the dedicated CT was not provided by the consumer to M&T MEPCO. Now, the management of Colony Textile Mills Ltd. vide Letter No. GM (E)/39-858 dated 05.07.2017 has again applied for extension in load from 22.0 MW to 27.0 MW (net extension 05 MW). According to required extension of 5000 kW load under Tariff B-4 the security / Bank Guarantee amount worked out @ Rs. 3560/- per kW comes out to be Rs.17,800,000/-, which will be recovered from the consumer through Demand Notice. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Procurement Committee has also recommended the case to the Board for its approval. The Board was requested to accord its approval & consider the matter.

Decision

Considering the request of Chief Engineer (P&E) & recommendations of Procurement Committee, the Board accorded its approval for extension of Load from 22.0 MW to 27.0 MW(05 MW net extension) for M/S Colony Textile Mills, Ismailabad, Multan under Tariff B-4 and to recover the security / Bank Guarantee amounting to Rs. 17,800,000/- from the prospective consumer, subject to provision of dedicated C.Ts, P.Ts and separate metering room in compliance of policy for connecting consumer grid station to NTDC/DISCO network issued by GM (C&M) PEPCO vide No. 3226-40/GM(O)PEPCO dated: 30-07-2010.

The above approval is based on following confirmation by the management.

1. It is confirmed that the working paper represents true facts of subject ease.
2. Technical and financial evaluation of the case has been carried out correctly on the basis of true facts.

3. Any misstatement of the facts and figures in the working paper would make MEPCO management for the consequences.

xix. Approval for procurement of 100 KN&80KN disc insulator financed under MEPCO's own resources against tender No.PMU-MEPCO-62-2017 (Lot-II) opened on 20.06.2017.

The agenda was presented by Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 13.10.2017. The Committee was intimated that tender was floated for procurement of following items from MEPCO's own resources against requirement of GSC formation for following 04 Nos Transmission Lines.

1. 132KV D/C T/L Noor Sar to B/Nagar-II (30KM,Rail)
2. 132KV D/C T/L Yazman to Head Rajkan G/S (25KM,Lynx).
3. 132KV D/C T/L Feed for Donga Bonga G/S (21KM,Lynx).
4. 132KV D/C Feed for Khan Pur Bagga Sher G/S (11KM,Lynx)

The tender was opened on 03.01.2017 by standing tender opening committee constituted vide this office, office order No.4433-38 dated 25.06.2009.

Sr. No.	Description	Qty. (No.)	Available Material (No.)
1	Disc Insulators 80KN	9700	4500
2	Disc Insulators 100KN	10200	7200

Only single firm participated in the bidding process detailed as under:-

Sr. No	Name of firm	Total Bid Price (FCS) without GST & SED PKR
1	M/S EMCO Industries Ltd, Lahore.	22,798,200

The bid was forwarded to MEPCO Evaluation Committee for evaluation vide letter No. 9802-05 dated 23.06.2017. Evaluation Report was received vide letter No. 2035-38 dated 12.09.2017. MEPCO Evaluation Committee declared M/s EMCO Industries, Ltd, Lahore lowest evaluated responsive bidder. Therefore keeping in view the recommendation of MEPCO evaluation committee, it is suggested that contract may be awarded to lowest evaluated responsive bidder M/s EMCO Industries, Ltd, Lahore at FCS Bid Price PKR 22,798,200/-. The only available way to access the reasonability of the price is to compare the quoted rates with MEPCO & Other DISCOs previous purchase rates. The rate offered by the lowest evaluated responsive bidder compared with MEPCO & other DISCO is given as under:-

Item Description	Qty. (No.)	Quoted Per Unit Rate (PKR)	MEPCO Per Unit Rate (PKR)	TESCO Per Unit Rate (PKR)	FESCO Per Unit Rate (PKR)	LESCO Per Unit Rate (PKR)
Disc Insulators 80KN	9700	1,038	990 dt: 16.08.16	1698 dt: 15.02.16	1143 dt: 27.07.16	---
Disc Insulators 100KN	10200	1,248	1060 dt: 16.08.16	1997 dt: 15.02.16	1600 dt: 02.06.16	1416 dt: 11.08.17

From the above rate comparison with MEPCO & Other DISCOs previous purchase rates, it is obvious that the rates offered by the firm in current MEPCO tender are reasonable thus acceptable. The approval for procurement amounting to Rs. 22,798,200/- (Pak Rupees; Twenty Two Million, Seven Hundred Ninety Eight Thousand & Two hundred only) falls under the competency of Chief Executive Officer MEPCO but due to participation of single bidder competency lies with the MEPCO Board of Directors as per NTDC Book of Financial Power-2007 Section-IV Clause - 4.2. for issuance of LOI / P.O. in favor of M/s EMCO Industries, Ltd, Lahore amounting to Rs. 22,798,200/- being lowest evaluated responsive bidder in national competitive bidding. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Procurement Committee has also recommended the case to the Board for its approval. The Board was requested to accord its approval for issuance of LOI / Purchase Order in favor of M/s EMCO Industries, Ltd, Lahore amounting to Rs. 22,798,200/- (Excluding GST & SED) for procurement of material/equipment mentioned above. *gs*

Decision

Considering the request of Chief Engineer (Dev) PMU & recommendations of Bid evaluation Committee and Procurement Committee, the Board accorded its approval for issuance of LOI / Purchase Order in favor of M/s EMCO Industries, Ltd, Lahore amounting to Rs. 22,798,200/- (Excluding GST & SED) for procurement of proposed material/equipment.

The above approval is based on following confirmation by the management.

1. The working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the bid submitted for the said procurement has been carried out correctly on the basis of true facts of each bid submitted by the bidders.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

xx. Approval for procurement of ACSR Lynx Conductor financed under MEPCO's own Resources against tender No. PMU-MEPCO-62-2017 (Lot-VII) opened on 20.06.2017

The agenda was presented by Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 13.10.2017. The Committee was intimated that tender was floated for procurement of following items from MEPCO's own resources against requirement of GSC formation for following 04 Nos Transmission Lines.

1. 132KV D/C T/L Noor Sar to B/Nagar-II (30KM,Rail)
2. 132KV D/C T/L Yazman to Head Rajkan G/S (25KM, Lynx).
3. 132KV D/C T/L Feed for Donga Bonga G/S (21KM,Lynx).
4. 132KV D/C Feed for Khan Pur Bagga Sher G/S (11KM,Lynx)

The tender was opened on 20.06.2017 by standing tender opening committee constituted vide this office, office order No.4433-38 dated 25.06.2009.

Sr. No.	Description	Qty. (KM.)	Qty. Available (KM.)
1	ACSR Lynx Conductor.	273	174

Two (2) firms participated in the bidding process detailed as under:-

Sr. No.	Name of firm	Unit Bid Price (FCS) without GST & SED PKR	Total Bid Price (FCS) without GST & SED PKR	% Age Ranking
1	M/S Newage Cables (Pvt) Ltd Lahore	207,000	56,511,000	100
2	M/S Universal Cable Industries Karachi.	209,780	57,269,940	101.3

The bids were forwarded to MEPCO Evaluation Committee for evaluation vide letter No. 9802-05 dated 23.06.2017. Evaluation Report was received vide letter No.2035-38 dated 12.09.2017. MEPCO Evaluation Committee declared M/s Newage Cables (Pvt) Ltd, Lahore lowest evaluated responsive bidder. Therefore keeping in view the recommendation of MEPCO evaluation committee, it is suggested that contract may be awarded to lowest evaluated responsive bidder M/s Newage Cables (Pvt) Ltd, Lahore at FCS Bid Price PKR 56,511,000/-. The only available way to access the reasonability of the price is to compare the quoted rates with MEPCO & Other DISCOs previous purchase rates. The rate offered by the lowest evaluated responsive bidder compared with MEPCO & other DISCO is given as under:-

Item Description	Qty. (KM)	Quoted Per Km Rate (PKR)	MEPCO Per Km Rate (PKR)	PESCO Per Km Rate (PKR)	FESCO Per Km Rate (PKR)	QESCO Per Km Rate (PKR)	IESCO Per Km Rate(PKR)
ACSR Lynx Conductor.	273	207,000 dt 20.06.17	182,000 dt. 16.06.15	203,995 07/2016	206,000 dt: 28.02.17	219,300 dt: 25.08.17	199,990 Dt: 07.03.16

As per LME graph rates of aluminum on 16.06.2015 were US\$1660.5 Per tonne and on 28.09.2017 the rates of aluminum are US\$ 2102 per tonne. Keeping in view the increasing trend of LME, it is

obvious that the rates offered by the firm in current MEPCO tender are reasonable and acceptable. The approval for procurement amounting to Rs. 56,511,000/- (Pak Rupees; Fifty Six Million, Five Hundred Eleven Thousand only) falls under the competency of Chief Executive Officer MEPCO but due to participation of two bidders, it falls under the competency of MEPCO Board of Directors as per NTDC Book of Financial Power-2007 Section-IV Clause - 4.2. for issuance of LOI / P.O. in favor of M/s Newage Cables (Pvt) Ltd, Lahore amounting to Rs. 56,511,000/- (Excluding GST & SED) being lowest evaluated responsive bidder in national competitive bidding. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Procurement Committee has also recommended the case to the Board for its approval. The Board was requested to accord its approval for issuance of LOI/P.O in favor of M/s Newage Cables (Pvt) Ltd, Lahore amounting to Rs. 56,511,000/- (Excluding GST & SED) being lowest evaluated responsive bidder.

Decision

Considering the request of Chief Engineer (Dev) & recommendations of Bid Evaluation Committee and Procurement Committee, the Board accorded its approval for approval of issuance of LOI/P.O in favor of M/s Newage Cables (Pvt) Ltd, Lahore amounting to Rs.56,511,000/- (Excluding GST & SED) for procurement of material/equipment. The above approval is based on following confirmation by the management.

1. The working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the bid submitted for the said procurement has been carried out correctly on the basis of true facts of each bid submitted by the bidders.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

xxi. Approval for procurement of 132KV ZM type towers along with extensions financed under MEPCO's own resources against tender No. PMU-MEPCO-62-2017 (lot-I) opened on 20.06.2017.

The agenda was presented by Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 13.10.2017. The Committee was intimated that the tender was floated for procurement of following items from MEPCO's own resources against requirement of GSC formation for following 04 Nos Transmission Lines.

1. 132KV D/C T/L Noor Sar to B/Nagar-II (30KM,Rail)
2. 132KV D/C T/L Yazman to Head Rajkan G/S (25KM,Lynx).
3. 132KV D/C T/L Feed for Donga Bonga G/S (21KM,Lynx).
4. 132KV D/C Feed for Khan Pur Bagga Sher G/S (11KM,Lynx)

The tender was opened on 03.01.2017 by standing tender opening committee constituted vide this office, office order No.4433-38 dated 25.06.2009.

Sr. No.	Description	Qty. (No.)	Available Material
132-KV D/C Towers			
1	Tower Type ZM-I without Stubs & Cleats	297-No.	162
2	Stubs & Cleats for ZM-I Type Tower	297-Set.	162
3	3 Meter Leg Extension For ZM-I	38-No.	08
4	6 Meter Leg Extension For ZM-I	23-No.	26
5	Tower Type ZM-30 without Stubs & Cleats	51-No.	19
6	Stubs & Cleats for ZM-30 Type Tower	51-Set.	19
7	3 Meter Leg Extension For ZM-30	16-No.	47
8	Tower Type ZM-60 without Stubs & Cleats	30-No.	09
9	Stubs & Cleats for ZM-60 Type Tower	30-Set.	09
10	3 Meter Leg Extension For ZM-60	21-No.	26

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Three (03) firms participated in the bidding process detailed as under:-

Sr. No.	Name of firm	Total Bid Price (FCS) without GST & SED PKR	Discount Offered	Evaluated Total Bid Price (FCS) without GST & SED (PKR)	Ranking
1	M/s Lion Steel Industries, Lahore	228,520,928	--	228,520,928	100 %
2	M/s Pakistan Engineering Company (PECO), Lahore	276,513,440	@ 12.16 % 33,624,034.304	242,889,406	106 %
3	M/s Associated Technologies (Pvt) Ltd., Lahore	249,522,100	--	249,522,100	109%

The bids were forwarded to MEPCO Evaluation Committee for evaluation vide letter No. 9802-05 dated 23.06.2017. Evaluation Report was received vide letter No. 1393-95 dated 17.08.2017. MEPCO Evaluation Committee declared M/s Lion Steel Industries, Lahore lowest evaluated responsive bidder. Therefore, keeping in view the recommendation of MEPCO evaluation committee, it is suggested that contract may be awarded to lowest evaluated responsive bidder i.e. M/s Lion Steel Industries, Lahore at FCS Bid Price PKR 228,520,928/-. The only available way to access the reasonability of the price is to compare the quoted rates with MEPCO & Other DISCOs previous purchase rates. The rate offered by the lowest evaluated responsive bidder compared with MEPCO & other DISCO is given as under:-

Item Description	Qty. (No)	Quoted Per Unit Rate (PKR)	MEPCO Per Unit Rate (PKR)	SEPCO Per Unit Rate (PKR)	TESCO Per Unit Rate (PKR)	FESCO Per Unit Rate (PKR)	LESCO Per Unit Rate (PKR)	QESCO Per Unit Rate (PKR)
ZM-1 Tower complete	297	493,066	529,200 dt: 18.07.16	632,952 dt: 16.09.15	--	476,209 dt: 23.08.16	512,207 dt: 10.03.17	532,600 dt: 18.01.17
3 Meter Leg Ext ZM-1	38	82,953	85,680 dt: 18.07.16	104,598 dt: 16.09.15	--	80,177 dt: 23.08.16	85,064 dt: 10.03.17	85,312 dt: 18.01.17
6 Meter Leg Ext: ZM-1	23	164,902	--	206,812 dt: 16.09.15	--	159,265 dt: 23.08.16	168,305.2 dt: 10.03.17	169,260 dt: 18.01.17
ZM-30 Tower complete	51	772,045	836,640 dt: 18.07.16	1,002,919 dt: 16.09.15	788,543 dt: 25.08.17	758,848.5 dt: 23.08.16	781,711 dt: 29.03.17	852,640 dt: 18.01.17
3 Meter Leg Ext: ZM-30	16	144,210	--	188,634 dt: 16.09.15	147,293 dt: 25.08.17	141,745.5 dt: 23.08.16	147,028 dt: 29.03.17	155,484 dt: 18.01.17
ZM-60 Tower complete	30	976,121	1,052,604 dt: 18.07.16	1,262,924 dt: 16.09.15	996,979 dt: 25.08.17	959,435.80 dt: 23.08.16	984,369 dt: 30.03.17	1,060,250 dt: 18.01.17
3 Meter Leg Ext: ZM-60	21	198,572	213,696 dt: 18.07.16	262,687 dt: 16.09.15	202,815 dt: 25.08.17	195,176.85 dt: 23.08.16	204,748 dt: 30.03.17	212,000 dt: 18.01.17

From the above rate comparison with MEPCO & Other DISCOs previous purchase rates, it is obvious that the rates offered by the firm in current MEPCO tender are reasonable rather lower than previous rates except FESCO. The approval for procurement amounting to Rs. 228,520,928/- (Pak Rupees; Two Hundred Twenty Eight Million, Five Hundred Twenty Thousand, Nine Hundred & Twenty Eight only) falls under the competency of MEPCO Board of Directors as per NTDC Book of Financial Power-2007 Section-IV Clause - 4.2. for issuance of LOI / P.O. in favor of M/s Lion Steel Industries, Lahore amounting to Rs. 228,520,928/- being lowest evaluated responsive bidder in national competitive bidding. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Procurement Committee has also recommended the case to the Board for its approval. The Board was requested to accord its approval

for issuance of LOI/P.O in favor of M/s Lion Steel Industries, Lahore amounting to Rs. 228,520,928/- (Excluding GST & SED) being lowest evaluated responsive bidder. 

Decision.

Considering the request of Chief Engineer (Dev) PMU & recommendations of Bid Evaluation Committee and Procurement Committee, the Board accorded its approval for issuance of LOI/P.O in favor of M/s Lion Steel Industries, Lahore amounting to Rs. 228,520,928/- (Excluding GST & SED) for procurement of proposed material/equipment.

The above approval is based on following confirmation by the management.

1. The working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
3. Technical and financial evaluation of the bid submitted for the said procurement has been carried out correctly on the basis of true facts of each bid submitted by the bidders.
4. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

xxii. Approval for extension in delivery period in favor of M/s Chint Electric co., China through M/s ZSS Corporation Lahore for supply of 34-No. 132/11.5KV, 31.5/40MVA Power Transformers against MEPCO Contract Agreement No. MEPCO-ADB-42 dated 13.07.2015 Tender No.ADB-TRANCHE-IV-MEPCO-01-2014 (LOT-I) (ICB).


The agenda was presented by Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 13.10.2017. The Committee was intimated that a contract agreement No.MEPCO-ADB-42 dated 13.07.2015 was awarded to M/s Chint Electric Co., China through M/s ZSS Corporation Lahore for supply of 34-No.132/11.5KV, 31.5/40MVA Power Transformers with the delivery period 365-days from the date of signing of contract i.e 12.07.2016. However, the delivery was completed by the firm on 02.09.2016 vide GRN No.008480 dated 16.11.2016 which was 52-days later than from the actual date of delivery. The firm vide letter No. Chint/MEPCO/ADB-TR-IV/226 dated 08.11.2016 made request to grant extension in delivery period and regularize the delivery period without levy of liquidated damages, on account of delay in approval of technical data and drawings, nomination of inspectors and establishment of operative Letter of Credit. The case was submitted vide this office letter No.4678-79 dated 02.12.2016 to Extension of Time Committee constituted vide Chief Executive Officer MEPCO office order No.41-G dated 13.01.2016 & No.486-G dated 02.09.2016 for consideration and further necessary action. The EOT Committee has made the following recommendations vide letter No.7866-68 dated 28.04.2017 .

“The contract was signed on 13.07.2015 which as per agreement was to be completed till 12.07.2016. However the contract completed on 02.09.2016 with the delay of 52-days. As mentioned above, there is a delay of 79-days which is attributed to MEPCO. Therefore, in view of late approval of Drawings and nomination of inspectors, claim of contractor for extension of time of 52 days is justified therefore completion date of contract upto 02.09.2016 is recommended without any financial benefit. Case be submitted to competent authority for approval of said Extension of Time.”

The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Procurement Committee has also recommended the case to the Board for its approval. The Board was requested to accord its approval for grant extension in delivery period upto 02.09.2016 (52-days) and regularize the delivery period without levy of liquidated damages as per recommendations of EOT Committee in favor of M/s Chint Electric Co., China through M/s ZSS Corporation Lahore.

Decision.

Considering the request of Chief Engineer (Dev) PMU, recommendations of Extension of Time Committee and Procurement Committee, the Board accorded its approval for grant of extension in delivery period upto 02.09.2016 (52-days) and regularize the delivery period without levy of liquidated damages as per recommendations of EOT Committee in favor of M/s Chint Electric Co., China through M/s ZSS Corporation Lahore.

The above approval is based on following confirmation by the management. 

1. The working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO
3. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

xxiii. Approval for financial proposals for the appointment of consultant for Engineering Consultancy services including Construction Supervision for 132KV Grid Stations & Transmission lines under MEPCO own resources.

The agenda was presented by Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 13.10.2017. The Committee was informed that Project Director (GSC) MEPCO Multan floated the tender for the appointment of consultant for Engineering Consultancy Services including Construction Supervision & Approval of Technical Data / Drawings for 132-KV Grid Station & Transmission Line under MEPCO Own Resources having the value more than Rs. 50 Million, as per directions of Public Accounts Committee (PAC) for a period of two years. The tender was opened by tender opening committee on 20.06.2017 in the office of Project Director (GSC) MEPCO Multan and the bids were forwarded to MEPCO Evaluation Committee for technical evaluation vide letter No. 5436-38 dated: 20.06.2017.

The RFP was evaluated, signed by the Evaluation Committee and sent to Project Director (GSC) MEPCO Multan vide letter No. 1228-30 dated: 11.08.2017. The Committee reviewed assessment is given as under:

Sr. No.	Description	Max. Weight	Barqaab	EnMasse	Applus Velosi
I	Experience	100	100	100	70
II	Assignments / Projects successfully completed	200	200	200	150
III	Personnel	500	427	418	330
IV	Financial Position	150	150	150	150
V	Adequacy of Proposal, Work Plan and methodology	50	50	45	50
	Total (i+ii+iii+iv+v)	1000	927	913	750
	Minimum Qualifying Score		700		

According to the score assessed, the 03-No. firms i.e M/S Barqaab, M/S EnMasse and M/S Applus Velosi Integrity technically qualify the minimum criteria having Technical Score out of 1000 is as under;

M/S Barqaab Consulting Service	927
M/S EnMasse Services	913
M/S Applus Velosi	750

OPENING OF FINANCIAL PROPOSALS

After completion of technical evaluation, letters were written by Project Director (GSC) MEPCO Multan to 03-No. qualified firms for participation in the opening of financial proposals, submitted by the bidders on 20.06.2017. In this connection, the financial proposals regarding captioned consultancy services projects were opened on 25.08.2017 in the presence of representative of 03-No. qualified firms. The rates quoted by all 03-firms are as under below;

Project Description	M/S Barqaab	M/S EnMasse	M/S Velosi Applus	Remarks
	Rates in PKR			
Grid Station (New & Conversion) on Turnkey Basis	1,373,225/-	2,160,000/-	1,448,500/-	Per Grid Station
Transmission Line on Turnkey Basis	15,485/-	15,000/-	62,130/-	Per KM

Grid Station (New & Conversion) only Civil Work	612,750/-	2,160,000/-	1,448,500/-	Per Grid Station
Transmission Line i/c Survey, foundation, erection, stringing etc	15,485/-	15,000/-	62,130/-	Per KM
TOTAL	2,016,945/-	4,350,000/-	3,021,260/-	

CALCULATION OF FINANCIAL SCORE

$$Sf = \frac{100 \times Fm}{F}$$

F

Where

Sf = Financial Score

Fm = Lowest Price quoted

F = Price of the proposal under consideration

Based upon the above formula, the financial score of the three qualified firms are given as under;

Financial Score	M/S Barqaab	M/S EnMasse	M/S Velosi Applus
	Amount in PKR		
Quoted Price	2,016,945/-	4,350,000/-	3,021,260/-
Computation	$100 \times \frac{2,016,945}{2,016,945}$	$100 \times \frac{2,016,945}{4,350,000}$	$100 \times \frac{2,016,945}{3,021,260}$
Sf	100	46.37	66.75

RANKING OF PROPOSALS

As per evaluation criteria mentioned in the RFP (Request for Proposal), the proposals in the quality cum cost based selection shall finally be ranked according to their combined technical score (St) and financial score (Sf) using the weights T (the weights given to technical proposals), P weights given in the financial proposals.

$$S = St \times T\% + Sf \times P\%$$

The weights given in RFP to the Technical and Financial proposals are as under:-

Technical Proposal = 70%

Financial = 30%

Based upon the above formula, the final score of the three qualified firms are given as under;

Score	M/S Barqaab	M/S EnMasse	M/S Velosi Applus
Technical Score (St) in %age	92.7	91.3	75.0
Financial Score (Sf) in %age	100	46.37	66.75
Computation	$92.7 \times 0.7 + 100 \times 0.3$	$91.3 \times 0.7 + 46.37 \times 0.3$	$75.0 \times 0.7 + 66.75 \times 0.3$
Final Score (S)*	94.89	77.82	72.525

*As per formula given above

Based on the evaluation carried out on technical & financial grounds, M/S Barqaab Consulting Services Lahore has achieved highest score than other 02 firms. it is therefore recommended that the contract may be awarded to M/S Barqaab Consulting Services Lahore on Evaluated / corrected price as given below;

Scope of Work	Rate in PKR	Estimated Cost of Unit Project	Consultancy Charges per Unit Project Cost in %age
Grid Station (New & Conversion) on Turnkey Basis	Rs. 1,373,225/- Per Grid Station	PKR 300 Million for New & PKR 220 Million for Conversion	0.46% For New 0.62% For Conv.
Transmission Line on Turnkey Basis	Rs. 15,485/- Per KM	PKR 8 Million for Lynx & PKR 10 Million for Rail	0.18% For Lynx 0.15% For Rail
Grid Station (New & Conversion) only Civil Work	Rs. 612,750/- Per Grid Station	PKR 25 Million	2.4%

T/Line i/c Survey, foundation, erection, stringing etc	Rs. 15,485/- Per KM	PKR 01 Million	1.5%
TOTAL	Rs. 2,016,945/-		

The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Procurement Committee has also recommended the case to the Board for its approval. The Board was requested to accord its approval for the award of contract on above mentioned rates to M/S Barqaab Consulting Services Lahore for the appointment as consultant for Engineering Consultancy Services including Construction Supervision & Approval of Technical Data / Drawings for 132KV Grid Station & Transmission Line under MEPCO Own Resources.

Decision

Considering the request of Chief Engineer (Dev) PMU MEPCO, recommendations of Bid Evaluation Committee and Procurement Committee, the Board accorded approval for the award of contract on below mentioned rates, to M/S Barqaab Consulting Services Lahore for the appointment as consultant for Engineering Consultancy Services including Construction Supervision & Approval of Technical Data / Drawings for 132KV Grid Station & T/Line under MEPCO Own Resources.

Grid Station (New & Conversion) on Turnkey Basis	Rs. 1,373,225/- Per Grid Station
Transmission Line on Turnkey Basis	Rs. 15,485/- Per KM
Grid Station (New & Conversion) only Civil Work	Rs. 612,750/- Per Grid Station
T/Line i/c Survey, foundation, erection, stringing etc	Rs. 15,485/- Per KM

The above approval is based on following confirmation by the management.

1. The working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO
3. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences

xxiv. Approval for construction of tower foundations, erection of towers, stringing, testing and commissioning of 132-KV D/C transmission line from 220-KV grid station Muzaffar Garh –Khan Garh (19-km, LYNX Conductor).

The agenda was presented by Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 13.10.2017. The Committee was informed that Work order for construction of Tower Foundation, Erection of Towers, Stringing, Testing and Commissioning of subjected T/Line was awarded to contractor M/S I.H Malik & Co. (Pvt) Ltd Multan vide Project Director (GSC) letter No. 8194-98 dated: 08.04.2015, after obtaining its approval from MEPCO Competent Authority. The subjected Transmission Line contains 90 No. locations but the Chief Engineer (Design) NTDC Lahore vide letter No. 4145-46 dated: 02.04.2015 has approved the profile from location No. 2 to 53 and work was started by the contractor accordingly. During execution of work at tower location No. 11 to 48 of subjected Transmission Line, high water table (between 3-4 ft) was observed. The matter was referred to Chief Engineer (Design) NTDC WAPDA House Lahore for advice. After verification from the site, Chief Engineer (Design) NTDC Lahore vide letter No. 15208-10 dated: 29.10.2015 has conveyed the revised foundation design drawings from location No. 13 to 30 wherein the foundation drawings has been changed from 20° to 10°. The rates for such foundation type drawings are covered in the original contract agreement except the rates for Landitive 60° type Tower. In order to finalize the rates for Landitive 60° type Tower, the rates of ZM-60 type tower (ø - 10°), already provided in the contract agreement, is being adopted for the foundation drawings of Landitive 60° type Tower. By 1st revision of profile design for tower foundation, the cost of the captioned project is revised as Rs. 42,801,180/- instead of Rs. 36,236,120/- which is 18.12% higher than the original contract amount. Necessary approval regarding increase in contract amount to Rs. 42,801,180/- instead of Rs. 36,236,120/- due to revised foundation design drawings was obtained from Chief Executive Officer MEPCO Multan as per Section-4, Clause 4.5 Book of Financial Power NTDC-2007 and an addendum to the contract dated: 08.04.2015 was conveyed to M/S I.H Malik & Co. (Pvt.) Ltd

Multan vide PD (GSC) MEPCO Multan letter No. 22600-03 dated: 27.11.2015 for a contract amount of Rs. 42,801,180/-. During execution of work at tower location No. 1 to 30 of Section 2 of subjected Transmission Line, Executive Engineer (T&G) 'C' Division GSC MEPCO Multan letter No. 5295-96 dated: 08.04.2016 intimated about the high water table of 08-No. Locations (14, 15, 18, 19, 22, 28, 29 & 30) which was conveyed to Chief Engineer (Design) NTDC vide PD (GSC) MEPCO Multan Letter No. 3723-25 dated: 13.04.2016 for advice. After verification from the site, Chief Engineer (Design) NTDC Lahore vide letter No. 10113-15 dated: 23.06.2016 has conveyed the revised foundation design drawings from location No. 1 to 30 (07-No. locations) wherein the foundation drawings has been changed from 20° to 10°. The rates for such foundation type drawings are covered in the original contract agreement. The same design approval was forwarded to XEN (T&G) 'C' Division GSC MEPCO Multan vide PD (GSC) MEPCO Multan Letter No. 6363-65 dated: 29.06.2016 with the direction to submit the variation in the contract amount (increase or decrease). In response, XEN (T&G) 'C' Division GSC vide letter No. 851 dated: 19.08.2016 has submitted the variation in the contract amount regarding change in foundation design from 20° to 10° in favour of captioned T/Line. By revision of profile design for tower foundation, the cost of the captioned project is revised (2nd) as Rs. 47,613,620/- instead of Rs. 42,801,180/-

Now the Deputy Manager (C/A) MEPCO O/O Finance Director MEPCO Multan vide letter No. FDM/Taxes/32454 dated: 17.06.2016 has intimated that the work orders / contracts will have to be amended to the extent for incorporation of 16% Sales Tax on Services imposed by Punjab Revenue Authority accordingly the firms / supplier already registered with PRA will issue sales tax invoice @ 16% and claim the same amount from MEPCO. By inclusion of 16% Sales Tax on remaining services of erection of towers, stringing, testing and commissioning, the final cost of the captioned project is revised as Rs. 48,542,740/- which is 33.84% higher than the original contract amount. The case for approval of increase in contract amount from Rs.42,801,180/- to Rs.48,542,740/- {47,613,620 + 929,120 (16% Sales Tax on remaining services of erection of towers, stringing, testing and commissioning)}, due to revisions of profile drawing of tower foundation from location No. 1 to 30 of Section-2 of captioned Transmission Line, was put up in 115th BOD meeting held on 10.09.2016, BOD MEPCO vide agenda item iv in MoM issued on 23.09.2016 (F/M) has accorded approval for the increase in contract amount to Rs. 48,542,740/- for captioned Transmission Line. Later on District & Session Judge Muzaffar Garh vide letter No. 5714 dated: 24.09.2016 directed MEPCO to remove 04-No. electricity towers from the land owned by District Judiciary Muzaffar Garh specified for construction of new Judicial Complex Muzaffar Garh. The matter was taken up with District & Session Judge Muzaffar Garh by Project Director (GSC) MEPCO Multan letter No. 2027-29 dated: 04.10.2016. Later on 02-No. towers at location No. 20 & 21 have been dismantled by the staff of XEN (T&G) 'C' Division GSC MEPCO Multan as intimated vide letter No. 2286 dated: 08.10.2016 Later on, Project Director (GSC) MEPCO vide letter No. 4518-19 dated: 20.12.2016 submitted the alternate proposal for passing over the captioned Transmission Line through the Judicial Complex Muzaffar Garh. In this connection, District & Session Judge Muzaffar Garh vide letter No. 30 dated: 02.01.2017 again directed for removal of 04-No. towers from the land of Judicial Department within a week time. Executive Engineer (T&G) 'C' Division GSC MEPCO Multan submitted the revise route plan from location No. 17 to 24 vide letter No. 7026-27 dated: 24.04.2017 which was forwarded to technical committee vide Project Director (GSC) MEPCO Multan letter No. 3831-37 dated: 02.05.2017. The contractor M/S I.H Malik & Co. (Pvt.) Ltd asked through a chain of letters to start the construction activity of the remaining location of the captioned Transmission Line in coordination with the office of Executive Engineer (T&G) 'C' Division GSC MEPCO Multan but the contractor has not mobilized so far. The material for this revised portion of Transmission Line has been allocated by Manager (Procurement) PMU MEPCO Multan vide allocation No. 179 dated: 02.08.2017. By revision of profile design from location No. 17 to 24 of captioned Transmission Line, the cost of the captioned project is revised (3rd and final) as Rs. 48,951,220/- (excluding 16% Punjab Sales Tax) instead of Rs. 47,613,620/- which is 35.09% above the original contract amount. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was

apprised that the Procurement Committee has also recommended the case to the Board for its approval. The Board was requested to accord its approval for increasing in contract amount due to revision of profile design from location No. 17 to 24 from Rs. 36,236,120/- to Rs. Rs. 48,951,220/- which is 35.09% higher than the original contract amount in favour of captioned Transmission Line.

Decision

Considering the request of Chief Engineer (Dev) PMU and recommendations of Procurement Committee, the Board accorded its approval for increasing in contract amount due to revision of profile design from location No. 17 to 24 from Rs. 36,236,120/- to Rs. Rs. 48,951,220/- which is 35.09% higher than the original contract amount in favour of captioned Transmission Line.

1. The working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO
3. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences

xxv. Approval for construction of new Grid Station at town Muhamamd Pur Dewan Tehsil Jampur District Rajan Pur.

The agenda was presented by Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 13.10.2017. The Committee was informed that Superintending Engineer (OP) circle DG Khan has submitted the captioned proposal for rehabilitation of 11KV feeders having load center at Muhamamd Pur Dewan, Tehsil Jampur, District Rajanpur vide letters No. 24518-22 dated 01.06.2017 and No. 4181-85 dated 29.08.2017. It is informed by SE (Op) circle DG Khan vide letter No. 4181-85 dated 29.08.2017 that Worthy CEO MEPCO Ltd Multan during Open Ketchery at DG Khan Circle on 19.05.2017 announced a proposal for construction of new Grid Station at Muhammad Pur Dewan. The distance of this new Grid Station at Muhammad Pur Dewan is 26KM from 66KV Grid Station Jampur and 22KM from 132KV Grid Station Fazil Pur. The proposal has been submitted to reduce technical loss, improve system voltage and to ensure stable, un-interrupted and continuous electricity supply to the inhabitants being fed from the subject cited feeders. The load flow study of 11KV existing and final cases has been carried out on "SynerGEE" software designed for load flow analysis of 11KV feeders.

The basis parameters / salient features are as given below;

(i) **Study Result – Existing Case**

Sr. No.	Name of Feeder	Peak Load (Amps)	C. KVA	Length (KM)	Power Loss		A.E Loss		Max %age V.D
					KW	%age	KWH	%age	
1	Industrial	230	6685	112.6	1257	35.68	2554626	20.66	46
2	Raikh Bagh Wala	200	5735	171.1	351	10.23	713344	5.94	16
3	Bukhara	185	7380	220.2	286	9.03	581243	5.23	14
4	Adda Chiragh Shah	100	5770	61.1	79	4.89	160553	2.83	5
Total Loss					1973	KW	4009766	KWH	

(ii) **Study Result – Final Case**

Sr. No.	Name of Feeder	Peak Load (Amps)	C. KVA	Length (KM)	Power Loss		A.E Loss		Max %age V.D
					KW	%age	KWH	%age	
1-i	Industrial (Rem)	128	3715	19.6	62	3.19	126004	1.84	2
1-ii	Industrial (New)	102	2970	87.2	118	7.71	239814	4.41	8
2-i	Raikh Bagh Wala (Rem)	97	2785	88.8	79	4.73	160553	2.75	4
2-ii	Raikh Bagh Wala (New)	103	2950	88.9	130	7.46	264202	4.27	8
3-i	Bukhara (Rem)	98	3815	94	88	5.24	178844	3.04	5
3-ii	Bukhara (New)	87	3565	127.6	69	4.57	140230	2.68	5

4-i	Adda Chiragh Shah (Rem)	48	2785	38.5	23	2.94	46743	1.72	2
4-ii	Adda Chiragh Shah (New)	52	2985	27	34	4.07	69099	2.34	4
Total Loss					603	KW	1225489	KWH	
Total Saving					1370	KW	2784277	KWH	
Total Saving in Rupees / Year							28.3968 (Million)		

- (iii) Total five No. 11KV feeders can be shifted to new proposed 132KV Grid Station having 472 Amps in total.
- (iv) An overall estimated cost of complete project is Rs. 185.5 Million, which includes
- a) 11KV feeders = 35.5 Million (Tentative)
- b) 132KV Grid Station (2 x 10/13 MVA) = 150 Million (Including T/Line)
- (v) The B.C Ratio of the said proposal is 1.00 including all the estimation mentioned above.
- (vi) The average length of 11KV feeders is as under;

Average Length Before Bifurcation	141.25 KM
Average Length after Bifurcation	71.45 KM
reduction in Length	70 KM

Deputy Manager (P&E) pointed that construction of Grid Station at 132KV level at Muhammad Pur Dewan is feasible, however it is not included in any ongoing program and requested to the Worthy CEO MEPCO to refer the case to the office of Chief Engineer (Dev) PMU MEPCO Multan for detail estimation and obtaining its approval from BOD MEPCO. Worthy CEO MEPCO agreed to put-up the case in upcoming meeting of BOD after detailed study. In this regard, the office of Project Director (GSC) MEPCO Multan submitted an estimate (for normal soil) for construction of new Grid Station at Muhammad Pur Dewan Tehsil Jampur District Rajan Pur with the detail given below;

Grid Station Cost

Non Residential Civil Work	=	PKR 30 Million
Residential Civil Work	=	PKR 30 Million
Material Cost (Including Overhead) for 02-No. 10/13 MVA PTF Bays	=	PKR 90 Million
02-No. Line Bays		
01-No. PT Bay		
Total Cost	=	PKR 150 Million

Transmission Line Cost

Cost for in/out of 132KV T/Line (Approx, 1 to 2KM)	=	PKR 20 Million
Total Cost (Grid Station + T/Line)	=	PKR 170 Million

The overall estimated cost of the complete project is Rs. 205.5 Million which includes

- a) 11KV feeders = 35.5 Million (Tentative)
- b) 132KV Grid Station (2 x 10/13 MVA) = 170 Million (Including T/Line) (Tentative)

The case was again put-up to Worthy CEO MEPCO Multan for presenting the case before BOD MEPCO for construction of new 132KV Grid Station at Muhammad Pur Dewan Tehsil Jampur District Rajanpur having a cost of Rs. 205.5 Million for 11KV feeders and 132KV Grid Station including Transmission Line. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Procurement Committee has also recommended the case to the Board for its approval. The Board was requested to accord its approval for construction of new 132KV Grid Station at Muhammad Pur Dewan Tehsil Jampur District Rajanpur having a cost of Rs. 205.5 Million for 11KV feeders and 132KV Grid Station including Transmission Line.

Decision

Considering the request of Chief Engineer (Dev) PMU and recommendations of Procurement Committee, the Board accorded its approval for construction of new 132KV Grid Station at Muhammad Pur Dewan Tehsil Jampur District Rajanpur having a cost of Rs. 205.5 Million for 11KV feeders and 132KV Grid Station including Transmission Line. *AS*

The above approval is based on following confirmation by the management

1. The working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
3. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

xxvi. Approval for adoption & implementation of SOP on Environment & Social Safeguard in MEPCO.

The agenda was presented by Chief Engineer (Dev) PMU. The Board was apprised that the case was presented to the Procurement Committee in its meeting held on 13.10.2017. The Committee was informed that General Manager (C&M) PEPCO vide letter No GM(C&M) PEPCO vide Memo No.1274-85 on dated: 31-08-2015, have communicated SOP on Environment & Social Safeguard by portraying the necessitation of inclusion of changing scenarios in our existing rules of business, to comply with international agreements, implementation of Electricity Distribution License, Section 12, which relates to conformance to Environmental & Social Sector in Electricity Distribution Companies (DISCOs), Pakistan Environment Protection Act-1997 and Punjab Environmental Protection Act (1997) (Amended 2012). This SOP is prepared under the guidance of Asian Development Bank, World Bank and PEPCO in consultation and coordination with PMU Officers of DISCOs. This SOP on Environmental & Social Sector has been approved by MD (PEPCO) and Legal Advisor PEPCO vide letter No.LA-25/PEPCO/Advices/2015/1200 dated 06-07-15 have also pursued & vetted the SOP. The salient features/glimpse of SOP are that how the significant environmental & social aspects can be integrated to our main stream business operations of MEPCO to get smooth performance by providing enhanced customer services and minimizing the impacts associated with development projects.

This issued SOP provides procedures and guidelines on the following matters.

Preparation of Environmental Impact Assessment (EIA)/ Initial Environmental Examination (IEE) reports to follow NEPRA License.

- Procurement of Land for Grid Stations.
- Land Falling under the towers and transmission lines.
- Integration of Environmental & Social Considerations.
- International Best Practices & Institutional Arrangements Required.
- Indigenous People.
- Structure and Organogram.
- Financial Implications and delegations of powers.
- Stakeholders Coordination.
- Grievance Redressal Mechanism.
- Monitoring, Evaluation and Consultation.
- Environment Responsible Procurement.
- Guidelines for Consumer Grid Station/Deposit Work.

It is imperative to affirm here that dauntless efforts amalgamated with candor, amity and diversified methods have delivered results while complying with NEPRA, EAD, Planning Commission, World Bank and Asian Development Bank's requirements. It is now realized that every faction of project plays a critical role in achieving goals, which is necessary under present state of affairs to improve the existing system. The rules of business are improving to deliver better services by redressing grievances of customers. This SOP document provides guidelines on Grievance Redressal Mechanism for timely completion of projects; how to cater for elements resulting in delays of project which may increase the cost. It is necessary to point that other DISCOs have adopted/implemented the SOP by PEPCO on Environmental and Social Safeguard. The Procurement Committee was requested to recommend the case to the Board for its approval. The Board was apprised that the Procurement Committee has also recommended the case to the Board for its approval. The Board was requested to accord its approval for adoption and implementation of

aforesaid SOP on Environment & Social Safeguards submitted by General Manager (C&M) PEPCO vide letter No GM(C&M) PEPCO vide Memo No.1274-85 on dated: 31-08-2015.


Decision

Considering the request of Chief Engineer (Dev) PMU and recommendations of Procurement Committee, the Board accorded its approval for to accord its approval for adoption and implementation of aforesaid SOP on Environment & Social Safeguards submitted by General Manager (C&M) PEPCO vide letter No GM(C&M) PEPCO vide Memo No.1274-85 on dated: 31-08-2015.

The above approval is based on following confirmation by the management.

1. The working paper represents true facts of subject case.
2. Rules & procedure as laid down in PPRA Rules for such procurement have been duly complied with & adopted by the MEPCO.
3. Any misstatement of the facts and figures in the working paper would make MEPCO management liable for the consequences.

The Meeting concluded with thanks to and from the Chair.


(Engr. Sajid Yaqoob)
Company Secretary MEPCO