



**KARACHI METROPOLITAN CORPORATION**  
**OFFICE OF EXECUTIVE ENGINEER (E&M) C.M**  
**ENGINEERING DEPTT.**

No.KMC/EE/E&M/C.M/ 43/2018

Dated: 23-2-2018

Director (CB),  
Sindh Public Procurement Regulatory Authority,  
Government of Sindh,  
**KARACHI.**

SUBJECT:- **HOISTING OF NIT NO. EE/(CM)/E&M.KMC/41/2018, dated 19-02-2018.**

Enclosed please find herewith the subject NIT along with following documents with request to upload on the SPPRA's website.

- a) NIT No. EE/(CM)/E&M.KMC/41/2018, dated 19-02-2018.
- b) BOQ's along with duly filled bidding data.
- c) Notification of Procurement Committee along the approval of head of department.
- d) Notification of Complaint Redressel Committee.
- e) Procurement plan for the year 2017-2018.
- f) Standard Bidding Documents.
- g) A Soft copy of C.D. containing the above documents.

*dy*  
Executive Engineer (E&M),  
Contract Management, KMC

Copy to: -

- 1) Director General(TS), KMC
- 2) SE(E&M) KMC
- 3) CE (C.M) Engg. Deptt. KMC.
- 4) Officer/Official Concerned.
- 5) Office copy/Master File

SPPRA INWARD DIARY

NO. 6321  
DATED 26-02-2018



**KARACHI METROPOLITAN CORPORATION**  
**OFFICE OF THE EXECUTIVE ENGINEER (CM)**  
**ENGINEERING DEPARTMENT(E&M)**

Camp Office No.1 Behind Dawood Engineering  
 University Muslimabad Gurumander , Karachi.

No.KMC/EE/E&M/C.M/41/2018

Dated: 19-02-2018

**NOTICE INVITING TENDER**

ADP Scheme 2017-18

(As per SPPRA Guideline)

Tender in sealed cover is invited on offer rate basis through single stage one envelope method for the following work from the reputable and experienced firm / contractor having NTN certificate, Registered with PEC, valid Professional Tax, Certificate Sales Tax FBR and Registered with Sindh Revenue Board and statement of turnover at least 3 years.

Sr #	Tender Reference #.	Name Of Work	Estimated Cost	Bid Security (Rs.)	Tender cost (Rs.)	Eligibility
1.	KMC/CM/ E&M/11/2017	Rehabilitation and Improvement of Electrical System in KMC Hospitals.	20.00Million.	Rs.0.40 Million	Rs.3,000/=	Separate Annexure-A For Terms & Conditions shall also be enclosed with the tender /Bid documents those would strictly be observed and at the time purchasing of tender set of these documents with original shall have to be provided/ shown. These T.O.R may be seen on SPPRA Website also.
2	KMC/CM/ E&M/12/2017	Providing/Installation & Commissioning of Tier 3 Backup power system for F&A KMC which includes 2x100KVA Diesel Generator set with Synchronizing panel and panel other accessories at KMC Head Office M.A Jinnah Road Karachi.	Rs.20.00Million.	Rs.2% On Quoted Rates.	Rs.3,000/=	As mentioned above.
3	KMC/CM/ E&M/13/2017	Providing /Installation & Commissioning of Diesel Generator Sets at Landhi Medical Complex.	Rs.05.50Million.	Rs.2% On Quoted Rates.	Rs.3,000/=	As mentioned above.
4	KMC/CM/ E&M/14/2017	Supply and Installation of Flood Lights Power System at Cricket Ground Nazeer Hussain Gulberg Gym.F.B.Area KMC Part-I	Rs.20.00Million.	Rs.2% On Quoted Rates.	Rs.3,000/=	As mentioned above.
5	KMC/CM/ E&M/15/2017	Supply and Installation of Flood Lights Power System at Cricket Ground Nazeer Hussain Gulberg Gym.F.B.Area KMC Part-II	Rs.20.00Million.	Rs.2% On Quoted Rates.	Rs.3,000/=	As mentioned above.
6	KMC/CM/ E&M/16/2017	Improvement of lighting arrangement, irrigation system and grassing at Mehdi Hassan Park District Central, KMC. (KMC Scheme.)	Rs.19.94Million.	Rs.2% On Quoted Rates.	Rs.3,000/=	As mentioned above.

7	KMC/CM/ E&M/09/2017	Electrification Works (Balance) of Zulfiqarabad Oil Tanker Terminal along with Missing items.(KMC Scheme.)	Rs. 19.99Million	Rs. 2% On Quoted Rates.	Rs.3,000/=	As mentioned above.
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Tender schedule shall be as follows:

SCHEDULE	DATE & TIME	VENUE
1. Receiving of Application & Issuance of Tender.	From <u>26-02-2018</u> to <u>13-03-2018</u> During Office Hours	Chief Engineer (E&M) KMC at Camp Office No.1 Behind Dawood Engineering University Muslimabad Gurumander Karachi.
2. Dropping of Tender.	on <u>28-03-2018</u> 2:00 P.M	Chief Engineer (E&M) KMC at Camp Office No.1 Behind Dawood Engineering University Muslimabad Gurumander Karachi.
3. Opening of Tender.	<u>28-03-2018</u> At 2:30 P.M	Chief Engineer (E&M) KMC at Camp Office No.1 Behind Dawood Engineering University Muslimabad Gurumander Karachi.

**ELEGIBILITY CRITERIA:**

1. Valid PEC in C-6 (EE-06) & above in relevant category.
2. NTN Certificate of F.B.R.
3. Valid Professional Tax.
4. Registered with Sindh Revenue Board.
5. Electric Contractors License Valid from Electrical Inspector, Government of Sindh.
6. Proof of PEC registered Engineer with the firm and his presence in person at the time of issuance of tender is required to be ensured.
7. Participating Contractor /Firm must have experience of Five years in same nature of work any where in Pakistan with strict proof of work orders and completion report / certificate of same works.
8. Application for issuance of Tender documents is to be Addressed to CE (E&M) KMC & submitted to Accounts office (E&M) it must comprises of all above mentioned documents /papers to ensure the eligibility of the Contractor/Firm and pay order tender cost.
9. Bank statement of the firm/company of last (3) three years to confirm the financial soundness. i.e. minimum turn over of Rs. 5 to 10 Millions as per rule 46 ( i ) ( a ) (ii).

**TERMS & CONDITIONS.**

1. In case due to any reason, if the tenders are not responded on the above date, the next date of submission and opening will be 12-04-2018 and the tender documents will be available for sale up to 11-04-2018.
2. The tender documents will be issued to the contractor on submission of written request on letter head and on payment of non-refundable cost of tender price through pay order from any schedule Bank in favor of KMC along with experience certificate in relevant field. Bid Security in shape of pay order / bank guarantee from any schedule Bank in favor of KMC as mentioned above should be enclosed with the bid otherwise the tender will be rejected. No tender will be sold on the tender opening date.
3. In Case the date of opening or last date of sale is declared as public holiday by the Government or non working day due to any reason, the next official working day shall be deemed to be the date of sale and submission and opening of tenders accordingly. The time and venue shall remain the same.

4. The total bid amount as well as the rates of items must be filled both in figures and words and in case any correction made by the contractor himself then each correction must be initiated by the Contractor, otherwise the tenders are liable to be summarily rejected.
5. **Substantial Responsive Bid:**  
Only those bids, which comply with each eligibility criteria as well as minimum qualification criteria attached with the tender documents shall be declared substantially responsive bids at the time of tender opening and will be eligible for further evolution, otherwise the same will be declared as non-responsive / rejected.
6. The bidder is required to submit the above information, the signed evidence against evaluation criteria along with their bids. However Joint venture between two or more firms is allowed subject to compliance of conditions of stipulated rules of PEC.
7. If any fake documents are found then the tender is liable to be rejected/cancelled with out any compensation and with penalty as per rules.
8. Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who report canvassing will liable for rejection.
9. If a bidder submits a seriously unbalanced bid then he may be required to deposit extra performance security to a level sufficient to protect the procuring agency against financial losses, failing which his bid will be either rejected or the bid security be forfeited as deemed appropriate by KMC.
10. Bid Security of the unsuccessful bidder shall be released once the contract has been finalized with the successful bidder or the validity period has expired.
11. The procuring agency may reject all or any bid subject to the relevant provisions of SPPRA Rules 2010.
12. The conditions of contract are available on KMC's website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

**Executive Engineer (CM)**  
**Engineering Department (E&M), KMC**

Not to be Published

**Director(Media Management), KMC(w.r.t. advertise in the newspapers).**

Enclosed 10 copies with a request to publish in not more than three(03) widely circulated leading dailies Newspaper of English, Urdu and Sindhi.

**Director (CB)SPPRA, GOS.**

With the request to upload on the SPPRA's website (Copy of BOQ, Bidding Data (duly filled) procurement plan for the year 2017-18 of each work and Standard Bidding Documents are also enclosed in soft copy(CD).

**Director (IT), Computer Section.**

With request to upload on the KMC's website.

**C.C to:-**

1. Director General (TS), KMC.
2. Chief Engineer,(CM), KMC / Chairman Tender / Procurement Committee.
3. Chief Engineer (Concerned).
4. Director Accounts, Engineering Department, KMC
5. PS to Mayor, KMC.
6. Office file.

DAWN

23-02-2018

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## CORRIGENDUM

No.EE/(CM)/E&M/KMC/41/18, Dated: 19-02-2018  
KMC/MMD/350-Dated: 20-02-2018

Regarding the above referred NIT published in local dailies on 20-02-2018, following changes may please be noted.

1. The last date of sale of tenders and opening has been amended as below:-
  - Opening of tender 14-03-2018 instead of 28-03-2018.

Other terms & conditions including venue & time of dropping & opening of bids will remain same.

**Executive Engineer (E&M),  
Contract Management, KMC**

KMC/MMD/352/18



**KARACHI METROPOLITAN CORPORATION**



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23 FEB 2018

## تصویح

حوالہ نمبر: EE/(CM)/E&M/KMC/41/18، تاریخ: 19-02-2018

KMC/MMD/350-Dated:20-02-2018

بحوالہ درج بالا این آئی ٹی، جو مقامی روزناموں میں 20-02-2018 کو شائع ہوا، اس میں درج ذیل تبدیلی نوٹ فرمائیں:

۱۔ ٹینڈر کی فروخت اور کھلنے کی تاریخوں میں درج ذیل کے مطابق ترمیم کر دی گئی ہے:

• ٹینڈر 28-03-2018 کے بجائے 14-03-2018 کو کھولے جائیں گے۔

۲۔ دیگر شرائط و ضوابط و پابندیوں کو اپ کرنے اور کھلنے کا مقام اور وقت وہی رہیں گے۔

**ایگزیکٹو انجینئر (ای اینڈ ایم)**

کنٹریکٹ مینجمنٹ، کے ایم سی

KMC/MMD/352/18

بلدیہ عظمیٰ کراچی



حوالو مٺي اٺوان

23-02-2018

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## تصحيح

حوالو نمبر: EE/(CMYE&M/KMC/41/18). تاريخ: 19-02-2018  
KMC/MMD/350-Dated: 20-02-2018

حوالو مٺي جا ٺايل اين آءِ ٺي. جيڪا مقامي روزاني اخبارن ۾  
20-02-2018 تي شايع ٿي. ۾ هيٺين تبديلي نوٽ فرمائي

ونو:

1- ٽينڊر جي وڪري ۽ ڪلڻ جي تاريخ ۾ هيٺين مطابق ترميم  
ڪئي وئي آهي:

• ٽينڊر 28-03-2018 جي بجاءِ 14-03-2018 تي  
ڪوليا ويندا.

2- ٻيا شرط ۽ ضابطا، واڪ ڊراپ ڪرڻ ۽ ڪلڻ جو هنڌ ۽ وقت  
ساڳيا ٿي رهندا.

**ايگزيڪيوٽو انجنيئر (اي اينڊ ايم)**

ڪنٽريڪٽ مينيجمينٽ، ڪي ايم سي

KMC/MMD/352/18

**بلديه عظميٰ ڪراچي**







# DAWN

21-02-2018

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## KARACHI-METROPOLITAN CORPORATION

### NOTICE INVITING TENDERS

**KMC Scheme 2017-18 (As per SPPRA Guideline)**

Tender in sealed cover is invited on offer rate basis through single stage one envelope method for the following work from the reputable and experienced firm / contractor having NTN certificate, Registered with PEC, valid Professional Tax, Certificate Sales Tax FBR and Registered with Sindh Revenue Board and statement of turnover at least 3 years.

Sr. No.	Tender Reference Number	Name of Work	Estimate Cost	Bid Security	Tender Cost	Eligibility
1.	KMCCME&M/11/2017	Rehabilitation and Improvement of Electrical System in KMC Hospitals.	Rs. 20.00 Million	Rs. 0.40 Million	Rs. 3,000/-	Separate Annexure A For Terms & Conditions shall also be enclosed with the tender / bid documents those shall strictly be observed and at the time purchasing of tender set of these documents with original shall have to be provided/shown. These T.O.R may be seen on SPPRA Website also.
2.	KMCCME&M/12/2017	Providing / Installation & Commissioning of Tier 3 Backup power system for F&A KMC which includes 2x100 KVA Diesel Generator set with Synchronizing panel and other panel accessories at KMC Head Office MA Jinnah Road Karachi.	Rs. 20.00 Million	Rs. 2% on Quoted Rates	Rs. 3,000/-	As Mentioned above.
3.	KMCCME&M/13/2017	Providing / Installation & Commissioning of Diesel Generator Sets at Landhi Medical Complex.	Rs. 05.50 Million	Rs. 2% on Quoted Rates	Rs. 3,000/-	As Mentioned above.
4.	KMCCME&M/14/2017	Supply and installation of Flood Lights Power System at Cricket Ground Nazeer Hussain Gulberg Gym. F.B. Area KMC Part-I.	Rs. 20.00 Million	Rs. 2% on Quoted Rates	Rs. 3,000/-	As Mentioned above.
5.	KMCCME&M/15/2017	Supply and installation of Flood Lights Power System at Cricket Ground Nazeer Hussain Gulberg Gym. F.B. Area KMC Part-II.	Rs. 20.00 Million	Rs. 2% on Quoted Rates	Rs. 3,000/-	As Mentioned above.
6.	KMCCME&M/16/2017	Improvement of lighting arrangement, irrigation system and grassing at Mehdi Hassan Park District Central, KMC (KMC Scheme).	Rs. 19.94 Million	Rs. 2% on Quoted Rates	Rs. 3,000/-	As Mentioned above.
7.	KMCCME&M/18/2017	Electrification Works (Balance) of Zulfikar Ali Tonkar Terminal along with missing items.	Rs. 19.59 Million	Rs. 2% on Quoted Rates	Rs. 3,000/-	As Mentioned above.

Tender schedule shall be as follows:

SCHEDULE	DATE & TIME	VENUE
1. Receiving of Applications & Issuance of Tenders	From 26-02-2018 To 13-03-2018 During Office Hours	Chief Engineer (E&M) KMC at Camp Office No.1 Behind Dawood Engineering University Mustafabad Gurnawander Karachi.
2. Dropping of Tenders	Up to 28-03-2018 at 2:00 pm	Chief Engineer (E&M) KMC at Camp Office No.1 Behind Dawood Engineering University Mustafabad Gurnawander Karachi.
3. Opening of Tenders	28-03-2018 at 2:30 pm	Chief Engineer (E&M) KMC at Camp Office No.1 Behind Dawood Engineering University Mustafabad Gurnawander Karachi.

#### ELIGIBILITY CRITERIA:

- Valid PEC in C-6 (EE-06) & above in relevant category
- NTN Certificate of F.B.R.
- Valid Professional Tax.
- Registered with Sindh Revenue Board.
- Electric Contractors License Valid form Electrical Inspector, Government of Sindh.
- Proof of PEC registered Engineer with the firm and his presence in person at the time of issuance of tender is required to be ensured.
- Participating Contractor / Firm must have experience of Five years in same nature of work any where in Pakistan with strict proof of work orders and completion report / certificate of same works.
- Application for issuance of Tender documents is to be Addressed to CE (E&M) KMC & submitted to Accounts office (E&M) it must comprises of all above mentioned documents / papers to ensure the eligibility of the Contractor / Firm; and pay order of tender cost.
- Bank statement of the firm / company of last (3) three years, to confirm the financial soundness. i.e. minimum turnover of Rs. 5 to 10 Millions as per rule 46 (i) (a) (ii)

#### TERMS & CONDITIONS:

- In case, due to any reason, no tenders are not responded on the above dates, the next date of submission and opening will be 12-04-2018 and the tender documents will be available for sale up to 11-04-2018.
- The tender documents will be issued to the contractors on submission of written request on letterhead and on payment of non-refundable cost of tender through pay order from any scheduled bank in favour of KMC along with experience certificate in relevant field. Bid Security in shape of pay order / bank guarantee from any scheduled Bank in favor of KMC as mentioned above should be enclosed with the bid otherwise the tender will be rejected. No tender will be sold on the tender opening date.
- In case the date of opening or last date of sale of tenders is declared as a public holiday by the Government or non-working day due to any reason, the next working day(s) shall be deemed to be the date for last date of sale and submission and opening of tenders accordingly. The time and venue shall remain same.
- The total bid amount as well as the rates of items must be filled both in figures and words and in case any correction is made by the contractor himself then each correction must be initiated by the Contractor, otherwise the tender is liable to be summarily rejected.
- Substantially Responsive Bid:-** Only those bids, which comply with each eligibility criteria as well as minimum qualification criteria attached with the tender documents shall be declared substantially responsive bids at the time of tender opening and will be eligible for further evaluation, otherwise the same will be declared as non responsive / rejected.
- The bidder is required to submit the above information, the signed evidence against evaluation criteria alongwith their bids. However Joint Venture between two or more firms is also allowed subject to compliance of conditions of stipulated rules of PEC.
- If any fake documents are found then the tender is liable to be rejected / cancelled without any compensation and with penalty as per rules.
- Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who report canvassing will be liable for rejection.
- If a bidder submits a seriously unbalanced bid then he may be required to deposit extra performance security to a level sufficient to protect the procuring agency against financial losses falling which his bid will be either rejected or the bid security will be forfeited as deemed appropriate by KMC.
- Bid security of the unsuccessful bidders shall be released once the contract has been finalized with the successful bidder or the bid validity period has expired.
- The procuring agency may reject all or any bid subject to the relevant provisions of SPPRA Rules 2010.
- The conditions of Contract are available on K.M.C.'s website ([www.karachi-city.gov.pk](http://www.karachi-city.gov.pk))

**Executive Engineer (CM)**

**Engineering Department (E & M), KMC**

KMC/MD/2018/10

# عوامی اوزار

20-02-2018

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## بلدیہ عظمیٰ کراچی

### ٹیندر طلب کرڻ جو نوٽيس

کي اير سي اميڪر 18-2017 (پس لس بي آري جي رهنما عداليتن جي مطابق) مشهور و تجربيڪار فرمز/ڪنٽريڪٽرز جيڪي اين تي اين سرٽيفڪيٽ، پي اي سي جي رجسٽريشن ڪارآمد پروفيشنل ٽيڪس سرٽيفڪيٽ، ايف بي آر سيلز ٽيڪس سرٽيفڪيٽ ۽ منڊ روٽيوريو وٽ رجسٽريشن ۽ گهٽ پر گهٽ ٽي سال آمدني اسٽيٽمينٽ جا حامل هجن. کان آڏو رٽ جي بنياد تي هڪ مرحلي هڪ لفاڻي جي طريقيڪار جي مطابق مهربند ٿيندو گهريل آهن

مهم	ايجنڊا	ڪم جو نالو	تاريخ	پاڻي	پاڻي	پاڻي	اهليت
1	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	18-02-2018	Rs 2000 Million	Rs 240 Million	Rs 36555	ٽينڊر وڪلائينگ سٽ شامل هجڻ ضروري ۽ اسٽيٽن 3.5 Annex-A پڙهي ان تي عمل ڪيو وڃي ۽ اوريجنل سٽ گڏ ڪرڻ ضروري ۽ ٽينڊر جي وقت فراهم ڪرڻ. ٽيڪس پروفنا TOR تي لس بي آر جي رهنما عداليتن جي مطابق ٽي سي سي گهڻي ٿي
2	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	18-02-2018	Rs 2000 Million	Rs 240 Million	Rs 36555	ٽينڊر وڪلائينگ سٽ شامل هجڻ ضروري ۽ اسٽيٽن 3.5 Annex-A پڙهي ان تي عمل ڪيو وڃي ۽ اوريجنل سٽ گڏ ڪرڻ ضروري ۽ ٽينڊر جي وقت فراهم ڪرڻ. ٽيڪس پروفنا TOR تي لس بي آر جي رهنما عداليتن جي مطابق ٽي سي سي گهڻي ٿي
3	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	18-02-2018	Rs 2000 Million	Rs 240 Million	Rs 36555	ٽينڊر وڪلائينگ سٽ شامل هجڻ ضروري ۽ اسٽيٽن 3.5 Annex-A پڙهي ان تي عمل ڪيو وڃي ۽ اوريجنل سٽ گڏ ڪرڻ ضروري ۽ ٽينڊر جي وقت فراهم ڪرڻ. ٽيڪس پروفنا TOR تي لس بي آر جي رهنما عداليتن جي مطابق ٽي سي سي گهڻي ٿي
4	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	18-02-2018	Rs 2000 Million	Rs 240 Million	Rs 36555	ٽينڊر وڪلائينگ سٽ شامل هجڻ ضروري ۽ اسٽيٽن 3.5 Annex-A پڙهي ان تي عمل ڪيو وڃي ۽ اوريجنل سٽ گڏ ڪرڻ ضروري ۽ ٽينڊر جي وقت فراهم ڪرڻ. ٽيڪس پروفنا TOR تي لس بي آر جي رهنما عداليتن جي مطابق ٽي سي سي گهڻي ٿي
5	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	18-02-2018	Rs 2000 Million	Rs 240 Million	Rs 36555	ٽينڊر وڪلائينگ سٽ شامل هجڻ ضروري ۽ اسٽيٽن 3.5 Annex-A پڙهي ان تي عمل ڪيو وڃي ۽ اوريجنل سٽ گڏ ڪرڻ ضروري ۽ ٽينڊر جي وقت فراهم ڪرڻ. ٽيڪس پروفنا TOR تي لس بي آر جي رهنما عداليتن جي مطابق ٽي سي سي گهڻي ٿي
6	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	18-02-2018	Rs 2000 Million	Rs 240 Million	Rs 36555	ٽينڊر وڪلائينگ سٽ شامل هجڻ ضروري ۽ اسٽيٽن 3.5 Annex-A پڙهي ان تي عمل ڪيو وڃي ۽ اوريجنل سٽ گڏ ڪرڻ ضروري ۽ ٽينڊر جي وقت فراهم ڪرڻ. ٽيڪس پروفنا TOR تي لس بي آر جي رهنما عداليتن جي مطابق ٽي سي سي گهڻي ٿي
7	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	18-02-2018	Rs 2000 Million	Rs 240 Million	Rs 36555	ٽينڊر وڪلائينگ سٽ شامل هجڻ ضروري ۽ اسٽيٽن 3.5 Annex-A پڙهي ان تي عمل ڪيو وڃي ۽ اوريجنل سٽ گڏ ڪرڻ ضروري ۽ ٽينڊر جي وقت فراهم ڪرڻ. ٽيڪس پروفنا TOR تي لس بي آر جي رهنما عداليتن جي مطابق ٽي سي سي گهڻي ٿي
8	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	18-02-2018	Rs 2000 Million	Rs 240 Million	Rs 36555	ٽينڊر وڪلائينگ سٽ شامل هجڻ ضروري ۽ اسٽيٽن 3.5 Annex-A پڙهي ان تي عمل ڪيو وڃي ۽ اوريجنل سٽ گڏ ڪرڻ ضروري ۽ ٽينڊر جي وقت فراهم ڪرڻ. ٽيڪس پروفنا TOR تي لس بي آر جي رهنما عداليتن جي مطابق ٽي سي سي گهڻي ٿي
9	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	18-02-2018	Rs 2000 Million	Rs 240 Million	Rs 36555	ٽينڊر وڪلائينگ سٽ شامل هجڻ ضروري ۽ اسٽيٽن 3.5 Annex-A پڙهي ان تي عمل ڪيو وڃي ۽ اوريجنل سٽ گڏ ڪرڻ ضروري ۽ ٽينڊر جي وقت فراهم ڪرڻ. ٽيڪس پروفنا TOR تي لس بي آر جي رهنما عداليتن جي مطابق ٽي سي سي گهڻي ٿي
10	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	18-02-2018	Rs 2000 Million	Rs 240 Million	Rs 36555	ٽينڊر وڪلائينگ سٽ شامل هجڻ ضروري ۽ اسٽيٽن 3.5 Annex-A پڙهي ان تي عمل ڪيو وڃي ۽ اوريجنل سٽ گڏ ڪرڻ ضروري ۽ ٽينڊر جي وقت فراهم ڪرڻ. ٽيڪس پروفنا TOR تي لس بي آر جي رهنما عداليتن جي مطابق ٽي سي سي گهڻي ٿي
11	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	18-02-2018	Rs 2000 Million	Rs 240 Million	Rs 36555	ٽينڊر وڪلائينگ سٽ شامل هجڻ ضروري ۽ اسٽيٽن 3.5 Annex-A پڙهي ان تي عمل ڪيو وڃي ۽ اوريجنل سٽ گڏ ڪرڻ ضروري ۽ ٽينڊر جي وقت فراهم ڪرڻ. ٽيڪس پروفنا TOR تي لس بي آر جي رهنما عداليتن جي مطابق ٽي سي سي گهڻي ٿي
12	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	ڪي اير سي جي اسٽيٽن بجائي ۽ بهتري	18-02-2018	Rs 2000 Million	Rs 240 Million	Rs 36555	ٽينڊر وڪلائينگ سٽ شامل هجڻ ضروري ۽ اسٽيٽن 3.5 Annex-A پڙهي ان تي عمل ڪيو وڃي ۽ اوريجنل سٽ گڏ ڪرڻ ضروري ۽ ٽينڊر جي وقت فراهم ڪرڻ. ٽيڪس پروفنا TOR تي لس بي آر جي رهنما عداليتن جي مطابق ٽي سي سي گهڻي ٿي

شيدول هجڻين ريت مطابق آهي

شيدول	تاريخ ۽ وقت	مهم
1	13-02-2018	چيف انجنيئر (اي اين ايم) ڪي اير سي. منڊ ڪمپي آفيس نمبر 1. بنياد طرز انجنيئرنگ يونيورسٽي. مسٽر آباد گرومنڊر ڪراچي
2	28-02-2018	چيف انجنيئر (اي اين ايم) ڪي اير سي. منڊ ڪمپي آفيس نمبر 1. بنياد طرز انجنيئرنگ يونيورسٽي. مسٽر آباد گرومنڊر ڪراچي
3	28-02-2018	چيف انجنيئر (اي اين ايم) ڪي اير سي. منڊ ڪمپي آفيس نمبر 1. بنياد طرز انجنيئرنگ يونيورسٽي. مسٽر آباد گرومنڊر ڪراچي

اهليت جو معيار:  
 1- لاڳاپيل ڪمپني ۽ C-6 (FE-06) يا ان کان مٿي جو ڪارآمد پي اي سي  
 2- ايف بي آر جي اين تي اين سرٽيفڪيٽ 3- ڪارآمد پروفيشنل ٽيڪس سرٽيفڪيٽ  
 4- منڊ روٽيوريو وٽ رجسٽريشن  
 5- اليڪشن اسڪيم حڪومت منڊ جو ڪارآمد اليڪشن ڪنٽريڪٽر لائسنس  
 6- فرم سان پي اي سي جي رجسٽريشن حڪومت منڊ جو ٽيڊر ۽ ٽينڊر جي اجراء وقت ان شخص جي لازمي موجودگي  
 7- شرڪت ڪندڙ ڪنٽريڪٽر فرمز جو پائيدار ۽ ڪم جي سماجي نوعيت جي ڪم پر لازمي 5 سال عملي تجربو گڏوگڏ انهيءَ ڪم جي ورڌ آڏو جو چڪو ٽيڊر ۽ ٽيڪنيل جي رپورٽ / سرٽيفڪيٽ جو حاصل هئڻ گهرجي  
 8- ٽينڊر دستاويزن جي اجراء جي درخواست نالي سي اي (اي اين ايم) ڪي اير سي هجي ۽ اسڪاٽن آفيس (اي اين ايم) وٽ جمع ڪرائي وڃي جيڪا لازمي طور تي ٽينڊر جي قيمت جي پي آر وٽ گڏوگڏ مٿي ڄاڻايل سمورا دستاويز/پيپرز تي مشتمل هجي جنهن مان ڪنٽريڪٽر فرم جي اهليت جي تصديق ٿئي  
 9- فرم/ڪمپني جي مالي طور تي مستحضر هئڻ جي تصديق جي لاءِ 3 سال بئنڪ اسٽيٽمينٽ يعني (Audit) جي ريل مطابق گهٽ پر گهٽ 5 کان 10 ملين رپين تائين جو رٽرن اوور شرط ۽ ضابطو:  
 1- جيڪڏهن ڪنهن سبب جي نتيجي ۾ مٿين تاريخن تي ٽينڊر وصول نه ٿيا ۽ ٽينڊر جمع ڪرائڻ ۽ کڻڻ جي ڪارروائي ايندڙ تاريخ 12.04.2018 تي مٿين هنڌ ۽ وقت تي ٿيندي ۽ ٽينڊر دستاويز 2018-04-11 تائين مٿي ڄاڻايل وقت ۽ هنڌ تي وڪري لا، موجود هوندا  
 2- ٽينڊر جا دستاويز ڪنٽريڪٽر تي ٽينڊر جي لکت و درخواست ۽ ٽينڊر جي ناناڻل پاسي ٽيڪنيل ڪمپن ۽ سرورل بئنڪ مان جاري ڪيل پي آر وٽ ڪي اير سي جي حق و گڏوگڏ لاڳاپيل شعبن ۽ تجربي جي سرٽيفڪيٽ پيش ڪرڻ تي جاري ڪيا ويندا. بد سڪيورٽي ڪنهن به شيدول بئنڪ مان جاري ڪيل پي آر وٽ بئنڪ گارنٽي بحق ڪي اير سي مٿي ڄاڻايل مطابق شامل هئڻ گهرجي. پي صورت ۾ ٽينڊر وڪري ڇڏيا ٿيندڙ کڻڻ جي تاريخ تي ڪو ٽينڊر وڪري نه ڪيو ويندو  
 3- جيڪڏهن ٽينڊر کڻڻ يا وڪري جي آخري تاريخ تي حڪومت عام موڪل ڪئي يا ڪنهن به سبب انهن تاريخن تي ڪم نه ٿيو ۽ ٽينڊر ٽينڊر جي وڪري جمع ڪرائڻ ۽ آخري ۽ کڻڻ جو ڏينهن هوندا. مٿين هنڌ ۽ وقت ۽ هنڌ ساڳيا ئي رهندا  
 4- واڪ جي پوري رقم ٽيڊر آئٽو جاري ڪرائي وڃي ۽ اڪن پنهنجي صورت ۾ لکيا وڃن ڪنهن جاء تي تصحيح جي صورت ۾ ٽيڪنيل کڻڻ يا جاء تي ٽيڊر صحيح ڪرڻ گهرجي. پي صورت ۾ اهي رد ٿي ويندا  
 5- مناسب فرم واک  
 صرف اهي واک جيڪي اهليت جي مڪمل معيار ۽ ٽينڊر دستاويزن ۾ شامل گهٽ ۽ گهٽ قابليت جي معيار تي پورا هوندا هوندا انهن کي ٽينڊر کڻڻ وقت مناسب فرم واک فرار ڏنو ويندو ۽ انهن کي وڌيڪ حاج پوئال جي قابل سمجهيو ويندو پي صورت ۾ انهن کي نامناسب فرار ڏئي رد ڪري ڇڏيو  
 6- واک ڏيندڙن کي مٿي ڄاڻايل معلومات پنهنجي واک جي حاج پوئال جي معيار بابت دستخط ڏيڻ ضروري. جمع ڪرائڻا هوندا. پي واک فرمز جي جوائنٽ وينچر جي اجازت جي مقرر ڪيل اصول مطابق ڏني ويندي  
 7- ڪنهن ڪروڙي معلومات ملڻ جي صورت ۾ ٽينڊر مان ڪنهن معاوضي جي رد ٿي ويندا بلڪل قانون مطابق ڏنو ۽ وڌو ويندو  
 8- ٽينڊر جي سلسلي ۾ ڪنهن به قسم جي ڪمپنٽنگ جي سختي سان منع ڪيل آهي ڪنهن ٽيڪنيل جي باري ۾ اهڙي ڄاڻ ملڻ تي ان جو جمع ڪرائيل ٽينڊر وڪري ڇڏيو  
 9- جيڪڏهن ڪنهن واک ڏيندڙ انهيءَ غير متوازن واک جمع ڪرايا ته ان کي ڪارڊوڪي جي سڪيورٽي جمع ڪرائي پورائي جيڪا پروڪيور ڪندڙ ايجنسي جي ڪنهن مٿي نقصان جي تحفظ لاءِ ڪافي هجي ۽ ٽينڊر ڪم جي صورت ۾ يا ته ان جا واک رد ڪري ڇڏيا يا بد سڪيورٽي ضبط ڪري وٺي جيئن ڪي اير سي پاران مناسب سمجهيو ويندو  
 10- ناڪار واک ڏيندڙ جي بد سڪيورٽي ڪامياب واک ڏيندڙ سان معاهدي طئي ٿيڻ يا بد سڪيورٽي جي مٿي ختم ٿيڻ کانپوءِ واپس ڪري ڇڏي  
 11- لس بي آر جي رولز 2010 مطابق پروڪيورنگ ايجنسي ڪو هڪ يا سمورا واک رد ڪري سگهي ٿي  
 12- ٽيڪنيل جا شرط ڪي اير سي جي ويب سائٽ [www.karachicity.gov.pk](http://www.karachicity.gov.pk) تي موجود آهن

ايڊز ڪميونيٽي انجنيئر سي ايم  
 انجنيئرنگ ڊپارٽمينٽ اي اين ايم ڪي ايم سي

KMC/IM/MD/350/18

## میزانیہ برائے سال 2017-2018

## تعمیرات (ترقیاتی مصارف)

فارم - ب . ۲

اصل معارف سال گزشتہ 2015-2016	منظور شدہ میزانیہ سال رواں 2016-2017	ترمیم شدہ تخمینہ سال رواں 2016-2017	میزانیہ 2017-2018	تفصیل	ذیلی کد	BUDGET GRANT CODE		
						Main	Sub	As
				اہم ترقیاتی پروجیکٹ / منصوبے 13-01-00	XV-A-1			
2,891,811	250,000,000	---	100,000,000	(۱) اورنگی کالج انڈسٹریل ایریا میں ترقیاتی کام		103	411	001
---	150,000,000	10,000,000	100,000,000	(۲) نئے ٹائرا سٹیشن کی تعمیر و ترقی		103	411	002
---	150,000,000	1,000,000	5,000,000	(۳) ایوان رفعت آڈیٹوریم (فیضی رحمن) کی تعمیر		103	411	003
---	300,000,000	---	200,000,000	(۴) خصوصی ترقیاتی پروجیکٹ (شرطہ پیش منظوری سیزڈ اینڈ منسٹری)		103	411	004
---	250,000,000	---	50,000,000	(۵) قبرستانوں کی اسپرٹیشن اور چھاد دیواری کی تعمیر		103	411	005
---	100,000,000	---	20,000,000	(۶) ہاؤسنگ اسکیم فزرائے کے ایم سی ملازمین		103	411	006
---	150,000,000	---	---	(۷) مشنر کے منصوبے / پروجیکٹ		103	411	007
---	100,000,000	---	45,000,000	(۸) آئی ٹی ٹاور کی تعمیر سے متعلق دیگر ترقیاتی کام		103	411	008
---	50,000,000	10,000,000	---	(۹) گورنمنٹ - ۱ پر ترقیاتی کام		103	411	009
2,000,000	100,000,000	30,000,000	100,000,000	(۱۰) فلائی اوورز انڈر پاسز اور پلوں کی ترقی و دیکھ بھال		103	411	010
1,934,089	50,000,000	10,000,000	50,000,000	(۱۱) برساتی تانوں کی تعمیر و ترقی		103	411	011
---	128,987,000	20,000,000	100,000,000	(۱۲) ڈو الفقار آباد میں آئل ٹرینل کی تعمیر		103	411	012
---	50,000,000	---	30,000,000	(۱۳) سٹی کونسل ہال کی عمارت کی تعمیر و ترقی بشمول جزیئر نقشہ و بجلی کے کام		103	411	013
---	---	---	350,000,000	(۱۴) نہر خیام (کلفٹن) کی بہتری و دور سٹی		113	411	014
---	---	---	1,000,000,000	(۱۵) کراچی کی جملہ یونینوں کو نسلی حدود (بشمول مخصوص نشتوں) میں ترقیاتی کام				
6,825,900	1,828,987,000	81,000,000	2,150,000,000	میزان				
				(ٹرانسپورٹ و کمیونیکیشن) 14-00-00	XV-A-1			
---	40,000,000	---	40,000,000	(۱۵) اہم شاہراہوں پر پینے پینے سڑکیں کی تعمیر		103	411	015
---	20,000,000	---	20,000,000	(۱۶) روڈ مارگنگ اور ٹریکنگ سائن		103	411	016
99,875,627	350,000,000	80,000,000	350,000,000	(۱۷) سکرش / پارکنگ پلازہ شہاب الدین مارکیٹ نزد ایچ پی بی مارکیٹ		103	411	017
---	45,000,000	---	---	(۱۸) کلفٹن میں پارکنگ پلازہ کی تعمیر		103	411	018
99,875,627	455,000,000	80,000,000	410,000,000	میزان				
106,701,527	2,283,987,000	161,000,000	2,560,000,000	کل میزان بہتجدہم				

# NOTE SHEET

Reference

Paras

Subject: Electrification work to make the Zulfiqarabad Oil Tanker Terminal operational.

1/ With reference to the orders of the Supreme Court of Pakistan Dated: 13-07-2017 in H.R.C 10-K of 2007 where in directed the KMC to ensure proper space to oil Tankers with facilities and comprehensive report is also to be submitted in next week to Honorable Supreme Court of Pakistan that the said, Parking terminal has been made operational.

2/ In compliance to thereof, a meeting was held in the Home Department on 17-07-2017 by followed the joint site visit accompanied by the representatives of the Associations and checked the site.

3/ The Honorable Mayor, Karachi also visited the Terminal and viewed the works/Facilities available at Zulfiqarabad Oil Tanker Terminal subsequently in the Court hearing on 20-07-2017 final date of inauguration has been fixed on 27<sup>th</sup> July 2017.

4/ In this regard it is mentioned here that Honorable Supreme Court of Pakistan has given a week time framed to complete the works and to make the Terminal operational.

5/ Therefore considering the importance and urgency in respect of compliance of Court orders and very short time frame the work in question may kindly be treated as emergent work in emergency cases involving safety of public life and propriety a direct contracting without inviting tenders under rules 16 (i)(b) (vii) read with rule -2 (r) of SPPRA -2010.

6/ In view of above a PC-I amounting Rs.19.99 Million has been prepared by the Department concerned in light of emergent nature and necessity of the work the case is submitted for kind perusal and approved of the competent authority i-e Mayor KMC, as mentioned below,

- a) Declaration of the work in question to be emergent and its execution on emergency basis under rule 16( i) (b) (vii) read with Rule 2 (r) of SPPRA -2010.
- b) Approval for award of work to M/s. Al Amir Associates amounting to Rs.19.99 Million duly checked by (P&D) E&M section and accepted by the contracting firm/contractor. The said firm is well experienced and have adequate technical expertise/resources for the execution of this type of work.
- c) Permission to charge the expenditure from the ADP KMC 2017.

7/ Submitted for kind perusal and approval of Para 6/N above please.

A.E.E (E&M) Central, KMC

8/ Executive Engineer (E&M) Central, KMC

9/ S.E (E&M) Contra, KMC

10/ Engineer (E&M), KMC

Submitted for the approval of  
para 6/N please

*[Signature]*

*[Signature]*

*[Signature]*

# OTE SHEET

( 2 )

Reference

Reference

10 Forward for approval of para 6/n as proposed

11 ~~DG(CTS)KMC~~ <sup>04</sup> 20/07/17

12 M.C., KMC Answer 20/7/17

*M. J. ...*  
*M. ...*

13 DG-learn  
14 CE(E2M) Answer 09/8/17

As discussed with DG(ITS) and Mc KMC file hereby forwarded to Mayer KMC for approval of para 6/n

15 ~~DG(CTS)KMC~~ 13-09-17

16 M.C., KMC Answer 14/9/17

*M. ...*  
14/9/17

Mayer Karch  
Approved for tendering procedure.

17 CE(E2M) 5h 18/12/17  
18 KEN(EM)ESM  
Pl. put up tender as Hayer Karch has given approval vide para 18 M.C.  
19 Answer 13/12/17

Office of the  
Inspector in Charge  
BANKING  
DATE: 8/8/17  
3662

KARACHI  
DATE: 15/12/17  
E1979

5h  
11/8/17

CE(E2M) 26/17  
11/8/17

CE/EM/419/17  
Date 19-12-17

DG(ITS) NAME 1912  
Inward / Letter No  
18/12/17

# NOTE SHEET

( - 3 - )

Subject: PROVAL OF CALLING TENDERS

Reference

The Chief Engineer, (E&M) KMC has forwarded the case for Administrative approval amounting to Rs.105.440 Million for the following works details are as under:-

ADP#	Name of work	Amount
320	Rhabilitation and Improvement of Electrical System in KMC Hospital	20.000
233	Providing / Installaiton and Commissioning of Tier 3 backup power system for F&A KMC which includes 2x100 KVA diesel Gentrator set with Synchronizing panael & panel other acceries at KMC Head office M.A. Jinnah Road Karachi	20.000
35	Providing / Installation & Commissioning of Diesel Generator Sets at Landhi Medical Complex,	5.500
362	Supply and Installation of Flood Lights Power System at Cricket Ground Nazeer H'ussain Gulberg Gym, F.B area KMC, Part 1	20.000
363	Supply and Installation of Flood Lights Power System at Cricket Ground Nazeer H'ussain Gulberg Gym, F.B area KMC. Part II	20.000
394	Improvement of lighting arrangement, irrigation system and grassing at Mehdi Hassan Park District Central, KMC.	19.940
	Total	105.440

It is stated that an amount of Rs.105.440 Million is available under Block Allocation District ADP (2017-18) for the above subjected work.

In view of the above, it is proposed that the case may be forwarded to competent Authority for the following approvals.

- Approval for placing the forth coming DDWP meeting.
- Issuance of Administrative approval amounting to Rs.105.440 Million
- Approval of Calling tenders through press.

Accountant (F)  
Engineering Department KMC

Dy: Director (Finance)  
Engineering Department KMC

Director (Accounts)  
Engineering Department KMC

Director General (TS) KMC

Metropolitan Commissioner, KMC

Mayor, KMC

Mayor Secretariat  
Karachi Metropolitan Corporation

Out-word No. 7072

Dated: 26/01/18

12/

13/

14

15

16

OG (TS) KMC  
Inward / Letter No. 208  
Dated 30/01/18

CE (E&M)  
Sh  
26/1/18

DG/TS

26/1/18

P.1. put up for tender as worthy Mayor has given approval

31/01



KARACHI METROPOLITAN CORPORATION

DISTRICT ANNUAL DEVELOPMENT PROGRAM

2017-18

(Rs. in million)														
ADP NO. 2017-18	Sector / Sub-Sector / Name of Scheme	Location of Scheme	Status of Scheme	Estimated Cost	Actual Expenditure up to June 2016	Revised Allocation 2016-17	Estimated Expenditure up to June 2017	Allocation for 2017-2018			Financial Progress in % age up to		Financial Projection	
								Capital	Revenue	Total	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	13	14	15	16
227	Rehabilitation of roads & Street with Drainage System seeta Nagar Sachal Goth District East Karachi	East	Approved	19.996	0.000	0.000	0.000	3.000	0.000	3.000	0.000	15.003	0.000	0.000
228	Const: of Internal Roads at Different Streets of Gharibabad and Meeran Goth UC Gharibabad District Malir	Malir	Approved	20.000	0.000	0.000	0.000	4.000	0.000	4.000	0.000	20.000	0.000	0.000
229	Providing and Laying CC Tiles Flooring at Sahibabad Dawood and AASOO Goth UC-10 Ghazi Dawood Brohi District Malir	Malir	Approved	20.000	0.000	0.000	0.000	3.000	0.000	3.000	0.000	15.000	0.000	0.000
230	P/L sewerage lines alongwith Main Road of Memon Goth from Phed Disposal to Sui Gas Main Line UC Murad Memon District Malir	Malir	Approved	20.000	0.000	0.000	0.000	3.000	0.000	3.000	0.000	15.000	0.000	0.000
231	P/L sewerage Line at Different streets of AASOO and Dawood Brohi Goth UN Ghazi Dawood Brohi District Malir	Malir	Approved	20.000	0.000	0.000	0.000	3.000	0.000	3.000	0.000	15.000	0.000	0.000
232	Construction of Metalled road at Salar Goth UC Ghazi Dawood Brohi District Malir	Malir	Approved	20.000	0.000	0.000	0.000	3.000	0.000	3.000	0.000	15.000	0.000	0.000
233	Providing / Installaiton and Commissioning of Tier 3 backup power system F&AKMC includes 2*100 KVA diesel Gentrator set with Synchronizing pannel ATS panel other acceries	KMC	Approved	20.000	0.000	0.000	0.000	8.000	0.000	8.000	0.000	40.000	0.000	0.000
234	Improvement /Upgrdation of under pass at Nazimabad Libuatabad Gribababd Sohrab Goth	Central	Approved	20.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	25.000	0.000	0.000
235	Rehabilitation and improvement of street lights system in KMC roads District East	East	Approved	20.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	25.000	0.000	0.000
236	Rehabilitation and improvement of street lights system in KMC roads District West	West	Approved	20.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	25.000	0.000	0.000
237	Rehabilitation and improvement of street lights system in KMC roads District Central	Central	Approved	20.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	25.000	0.000	0.000



(Rs. In million)														
ADP NO. 2017-18	Sector / Sub-Sector / Name of Scheme	Location of Scheme	Status of Scheme	Estimated Cost	Actual Expenditure up to June 2016	Revised Allocation 2016-17	Estimated Expenditure up to June 2017	Allocation for 2017-2018			Financial Progress in % age up to		Financial Projection	
								Capital	Revenue	Total	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	13	14	15	16
	<b>Health Sector (Ongoing)</b>													
310	Establishment of 50 bedded Hospital in UC-3, Dawood Goth, Baldia Town.	West	Approved	119.072	102.713	0.000	102.713	12.000	0.000	12.000	86.261	96.339	0.000	0.000
311	Up-gradation of Basic Health Center to 36 bedded Hospital at Sector No.A-3, Saucedabad, Baldia Town, Karachi.	West	Approved	170.182	117.459	3.000	120.459	7.000	0.000	7.000	70.782	74.896	0.000	0.000
312	Construction of 36 bedded Hospital / Maternity Home at Sohrab Goth, Gulshan-e-Maymar Gadap Town & Pathan Colony SITE Town, Karachi.	West	Approved	209.840	172.664	2.000	174.664	6.000	0.000	6.000	83.237	86.096	0.000	0.000
313	Expansion & Improvement of Government Hospital Ibrahim Hyderi, Bin Qasim Town.	Malir	Approved	110.237	89.720	0.000	89.720	5.000	0.000	5.000	81.388	85.924	0.000	0.000
314	Up-gradation of UHC Azam Basti to the level of 50-Bedded Hospital, Karachi.	South	Approved	57.421	52.432	0.000	52.432	2.000	0.000	2.000	91.312	94.795	0.000	0.000
315	Improvement / Reconstruction of Dispensaries, Hospitals & Health Centers (Local Bodies) in Karachi.	KMC	Approved	189.808	162.000	15.110	177.110	12.500	0.000	12.500	93.310	99.896	0.000	0.000
316	Up-gradation of 50 bedded Hospital into 100 bedded Hospital at New Karachi Town, Karachi.	Central	Approved	59.035	45.404	0.000	45.404	2.000	0.000	2.000	76.910	80.298	0.000	0.000
317	Improvement & Rehabilitation of DG(T.S)H Center/ Dispensaries & other Health Units of Liqueatabad Town, Karachi.	Central	Approved	19.553	15.000	0.000	15.000	4.500	0.000	4.500	76.715	99.729	0.000	0.000
	<b>Other Health</b>			<b>935.148</b>	<b>757.392</b>	<b>20.110</b>	<b>777.502</b>	<b>51.000</b>	<b>0.000</b>	<b>51.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
	<b>Health Sector (KMC)</b>													
318	Repair / Renovations of KMC Hospitals civil & Electrical Works.	KMC	Approved	20.000	10.000	6.055	16.055	3.500	0.000	3.500	80.275	97.775	0.000	0.000
319	Repair & Maintenance work of toilets in Medical Institutions KMC	KMC	Approved	19.990	0.000	0.000	0.000	5.000	0.000	5.000	0.000	25.013	0.000	0.000
320	Rehabilitation and Improvement of Electrical System in KMC Hospital	KMC	Approved	20.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	25.000	0.000	0.000
321	Upgrade Hospital Converted into the Institute of Infections Diseases, KMC.	West	Approved	139.217	131.955	0.000	131.955	0.000	7.200	7.200	94.784	99.955	0.000	0.000
322	Requirement of Auditorium in Abbasi Shaned Hospital, KMC.	Central	Approved	6.786	5.000	0.000	5.000	0.000	1.700	1.700	73.681	98.733	0.000	0.000

ADP NO. 2017-18	Sector / Sub-Sector / Name of Scheme	Location of Scheme	Status of Scheme	Estimated Cost	Actual Expenditure up to June 2016	Revised Allocation 2016-17	Estimated Expenditure up to June 2017	Allocation for 2017-2018			Financial Progress in % age up to		Financial Projection	
								Capital	Revenue	Total	2016-17	2017-18	2018-19	2019-20
								9	10	11	13	14	15	16
362	Supply and Installation of Flood Lights Power System at Cricket Ground Nazeer Hussain Gulberg Gym, F.B area KMC. Part I	Central	Approved	20.000	0.000	0.000	0.000	8.000	0.000	8.000	0.000	40.000	0.000	0.000
363	Supply and Installation of Flood Lights Power System at Cricket Ground Nazeer Hussain Gulberg Gym, F.B area KMC. Part II	Central	Approved	20.000	0.000	0.000	0.000	8.000	0.000	8.000	0.000	40.000	0.000	0.000
364	Development of Football Ground at S- Area Korangi Karachi (Sitting Stepping/ Fiber Shade / Pavers Paths)	Korangi	Approved	20.000	0.000	0.000	0.000	10.000	0.000	10.000	0.000	50.000	0.000	0.000
365	Development of Football Ground at S- Area Korangi Karachi (Construction of Changing Room)	Korangi	Approved	19.998	0.000	0.000	0.000	10.000	0.000	10.000	0.000	50.005	0.000	0.000
366	Development OF HAQAANI Ground / Park in Abidabad UC-31. District WEST	West	Approved	20.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	25.000	0.000	0.000
367	Development of Kaka Cricket ground at Block N North Nazimabad (Phase I)	Central	Approved	19.789	0.000	15.000	15.000	4.700	0.000	4.700	75.800	99.550	0.000	0.000
	<b>TOTAL Play Grounds</b>			<b>588.719</b>	<b>276.200</b>	<b>130.289</b>	<b>406.489</b>	<b>101.125</b>	<b>0.000</b>	<b>101.125</b>	<b>1191.943</b>	<b>1620.817</b>	<b>0.000</b>	<b>0.000</b>
	<b>P &amp; H (KMC)</b>													
368	Procurement of Water Boozers for Watering for Tree Plantation on different Roads of Division No. I, II, III.	KMC	Approved	19.900	11.000	0.000	11.000	8.500	0.000	8.500	55.276	97.990	0.000	0.000
369	Development of Park at ST-32 Block-15 Gulistan-e- Jauhar, KMC.	East	Approved	20.000	10.000	0.000	10.000	8.500	0.000	8.500	50.000	92.500	0.000	0.000
370	Supply of Garden Tools, Lawn Movers, Gang Movers for Division-I, II & III, KMC.	KMC	Approved	10.960	0.000	7.000	7.000	3.900	0.000	3.900	63.869	99.453	0.000	0.000
371	Tree Plantation at side belt of 5000 road from Nagan to Surjani, KMC.	Central	Approved	19.951	15.100	0.000	15.100	4.851	0.000	4.851	75.685	100.000	0.000	0.000
372	Improvement of Plants by Watering & Trimming at 6000 Road, North Karachi.	Central	Approved	19.990	2.000	13.275	15.275	4.715	0.000	4.715	76.413	100.000	0.000	0.000
373	Improvement of Central Island with Irrigation System at central Island Jinnah Avenue Malir (P&H) KMC	Malir	Approved	19.890	4.000	9.578	13.578	6.312	0.000	6.312	68.265	100.000	0.000	0.000
374	Development of lawns a Beach Park Phase II Clifton (P&H) KMC	South	Approved	19.890	10.000	6.000	16.000	3.890	0.000	3.890	80.442	100.000	0.000	0.000
375	Construction of internal Pathways at Beach Park (Phase II) KMC	South	Approved	19.980	8.500	8.000	16.500	3.480	0.000	3.480	82.583	100.000	0.000	0.000

(Rs. In million)														
ADP NO. 2017-18	Sector / Sub-Sector / Name of Scheme	Location of Scheme	Status of Scheme	Estimated Cost	Actual Expenditure up to June 2016	Revised Allocation 2016-17	Estimated Expenditure up to June 2017	Allocation for 2017-2018			Financial Progress in % age up to		Financial Projection	
								Capital	Revenue	Total	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	13	14	15	16
391	Improvement of Gulshan e Jinnah (Polo ground),KMC.	East	Approved	19.968	0.000	0.000	0.000	19.968	0.000	19.968	0.000	100.000	0.000	0.000
392	Installation of sewerage treatment Plant for various parks of KMC Div I II	KMC	Approved	20.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	25.000	0.000	0.000
393	Installation of sewerage treatment Plant for various parks of KMC Div III IV	KMC	Approved	20.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	25.000	0.000	0.000
394	Improvement of lighting arrangement, irrigation system and grassing at Mehdi Hassan Park District Central, KMC.	Central	Approved	19.940	0.000	0.000	0.000	15.000	0.000	15.000	0.000	75.226	0.000	0.000
395	Improvement of pathways, children portion, benches, dust bin and construction of room at Park Block-N, North Nazimabad, KMC.	Central	Approved	19.950	0.000	0.000	0.000	15.000	0.000	15.000	0.000	75.188	0.000	0.000
396	Development of Lawns , Improvement of grill Fencing and Construction of Canopies and gate at Burns Garden KMC.	South	Approved	19.400	0.000	0.000	0.000	19.000	0.000	19.000	0.000	97.938	0.000	0.000
397	Tree Plantation in Central Island and Side Belt of Maripur road District West KMC.	West	Approved	14.455	0.000	0.000	0.000	14.455	0.000	14.455	0.000	100.000	0.000	0.000
398	Improvement Of Jahangir Kothari Parade and repairing of Boundary Wall at Bagh-e Ibne Qasim Clifton, KMC.	South	Approved	12.376	0.000	0.000	0.000	12.376	0.000	12.376	0.000	100.000	0.000	0.000
399	Improvement Of Lawns, Construction of Biological Treatment Plant at Jheel Park KMC.	East	Approved	20.000	0.000	0.000	0.000	8.000	0.000	8.000	0.000	40.000	0.000	0.000
400	Development of Park at ST-17 Block-3 Clifton, KMC.	South	Approved	10.980	0.000	0.000	0.000	10.500	0.000	10.500	0.000	95.628	0.000	0.000
401	Development of Park at ST 16/B Block-3 Clifton, KMC.	South	Approved	10.780	0.000	0.000	0.000	10.500	0.000	10.500	0.000	97.403	0.000	0.000
402	Development of Park at ST 14/15 Block-3 Clifton, KMC.	South	Approved	10.000	0.000	0.000	0.000	10.000	0.000	10.000	0.000	100.000	0.000	0.000
403	Development of Park at ST-11 Block-3 Clifton, KMC.	South	Approved	10.000	0.000	0.000	0.000	10.000	0.000	10.000	0.000	100.000	0.000	0.000



# KARACHI METROPOLITAN CORPORATION ENGINEERING DEPARTMENT

Engr. Shahab Anwer  
Director General (Technical Services)

512 JM, New M.A. Jinnah Road, Karachi  
Phone: 99230951 Fax: 99230952

No. DG/TS/KMC/535/2017

20, November, 2017

**Subject: CONSTITUTION OF PROCUREMENT COMMITTEE FOR  
PROCUREMENT OF ELECTRICAL & MECHANICAL WORKS,  
ENGINEERING DEPARTMENT, KMC**

In Pursuance of Rule-7 of Sindh Public Procurement Regulatory Authority Rules, 2010, Procurement Committee comprising the following officers is hereby notified for procurement of E&M Works and performing responsibilities as per Rule-8 of the ibid rules:-

- |   |                    |
|---|--------------------|
| 1. Mr. Anis Ahmed Khan<br>Chief Engineer (E&M)<br>Engineering Department, KMC | Chairman           |
| 2. Atta Muhammad Meimon<br>Executive Engineer Low Cost Housing, KDA           | Member             |
| 3. Wajahat Hussain Zuberi<br>Accountant, Engineering Deptt. KMC               | Member / Secretary |

*Anwer*  
Director General (Technical Services)  
Karachi Metropolitan Corporation

Copy to:-

1. Metropolitan Commissioner, KMC
2. Dy. Director (Enf-I) Sindh Public Procurement Regulatory Authority (SPPRA) Karachi
3. Procurement Committee Members through Chief Engineer (E&M) Engg Deptt. KMC
4. Director Accounts, Engineering Department, KMC
5. Secretary to Mayor, Karachi

ADD  
keep in file.  
*df*

Pl. circulate to all XENS  
Add. Dy. (Admin) E&M  
circulated to all XENS (E/M)  
ADCE(M)  
At 1.1 Ahalique  
*21/11/17*  
*20/11/17*  
XEN (E&M) KMC

Addl Dy. Admin / 557 / 17  
dated 21/11/2017

42  
20/11/17



21

**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

512 JM, New M.A. Jinnah Road, Karachi  
Phone: 99230951 Fax: 989230952

No.Staff Engr/Engg/KMC/344/...../ 2017

06, November, 2017

**Subject: COMPLAINT REDRESAL COMMITTEE**

Consequent upon restructuring of Engineering Department, KMC vide order No.Secy/MC/KMC/1207 dated 23-20-2017 issued by the Metropolitan Commissioner, KMC, the formation of Complaint Redressal Committee previously constituted vide letter No.EE/CM/Engg.Dept/KMC/718/15 dated 03-12-2015 is hereby modified as under:

- |  |                    |
|--|--------------------|
| 1. Director General (Technical Services) KMC   | Chairman           |
| 2. Director (Planning) F&A, KMC  | Member             |
| 3. Chief Engineer (Buildings) Engg Deptt. KMC  | Member / Secretary |
| 4. An independent professional from the relevant Field concerning the procurement progress in Question to be nominated by the Head of procuring agency (as per approval by the competent authority from time to time and case to case basis) | Member             |
| 5. Director Accounts, Engg. Deptt. KMC   | Member             |

In case of complaints of buildings works, the Chief Engineer (Buildings) KMC will be replaced with the Chief Engineer (Zone-A) KMC.

This issues with the approval of Director General (Technical Services) KMC.

*Sewer*  
03/11/17  
Staff Engineer  
Engineering Department, KMC

Copy to:-

1. Director Technical, Mayor Secretariat, KMC
2. Financial Advisor, KMC
3. Chief Engineers, Engineering Department, KMC (all)
4. Committee Members
5. Office Copy

A/SO

KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT



TENDER REFERENCE NO.KMC/CM/E&M/11/2017-18.

BILL OF QUANTITIES

Subject: REHABILITATION/ IMPROVEMENT ELECTRICAL SYSTEM  
IN KMC HOSPITALS

Estimated Cost: 20.00 Million

Earnest Money: 0.40 Million

Tender Cost: Rs.3000/- Each.

**ELEGIBILITY CRITERIA:**

- 1 Valid PEC in C-6 (EE-06) & above in relevant category
- 2 NTN Certificate of F.B.R.
- 3 Valid Professional Tax.
- 4 Registered with Sindh Revenue Board.
- 5 Electric Contractors License Valid from Electrical Inspector, Government of Sindh.
- 6 Proof of PEC registered Engineer with the firm and his presence in person at the time of issuance of tender is required to be ensured.
- 7 Participating Contractor /Firm must have experience of Five years in same nature of work any where in Pakistan with strict proof of work orders and completion report / certificate of same works.
- 8 Application for issuance of Tender documents is to be Addressed to CE (E&M) KMC & submitted to Accounts office (E&M) it must comprises of all above mentioned documents /papers to ensure the eligibility of the Contractor/Firm and pay order tender cost.
- 9 Bank statement of the firm/company of last (3) three years to confirm the financial soundness. i.e minimum turn over of Rs. 5 to 10 Millions as per rule 46 (i) (a) (ii).

SIGNATURE OF CONTRACTOR  
ADRESS & CELL NO.

---

**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

Subject: REHABILITATION/ IMPROVEMENT ELECTRICAL SYSTEM IN KMC HOSPITALS

**SCHEDULE**

Estimated Cost: 20.00 Million

Earnest Money: 0.40 Million

Tender Cost: Rs.3000/- Each.

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
1	Wiring for main / sub main /circuit /light plugh with following sizes of PVC insulated copper conductor single core wire in suitable size of PVC conduit recessed in the wall or column complete in all aspect				One hundred Seventy one	
a)	2 x 7 /0.29	1	Mtr	171	Seventy one	171
b)	2 x 7 /0.44	1	Mtr	305	Three hundred Five	305
c)	2 x 7 /0.64	1	Mtr	605	Six hundred Five	605
d)	3-core 4mmsq	1	Mtr	274	Two hundred Seventy four	274
e)	3-core 1.5mm	1	Mtr	140	One hundred fourty	140
2	P/Lying main / sub main with following sizes and core of PVC/ PVC 99.99% copper conductor cable in given size of PVC conduit /dura duct.				Seven hundred Fourty two	
a)	4-core 10mmsq	1	Mtr	742	Fourty two	742
b)	4-core 16mmsq	1	Mtr	1300	one thousand Three hundred	1300
c)	4-core 50mmsq	1	Mtr	3312	Three thousand Three hundred tweleve	3312
d)	4-core 95mmsq	1	Mtr	6529	Six thousand five hundred twenty nine	6529
e)	4-core 120 mmsq	1	Mtr	8175	Eight thousand One hundred Seventy five	8175
3	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") channel patti on surface as required.				Nine hundred Ten	
		1	Point	910	Ten	910



S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
4	Providing, Fixing, testing & commissioning of light fixtures & other accessories, complete with all accessories such as, Chain, Rod, Screw, foundation for garden light etc. Complete in all respect.					
a)	P/F of electromagnetic ballast 250 watt for the son-T lamp	1	Each	3990	Three thousand Nine hundred Ninty	3990
b)	P/F of Igniter for 250 watt son lamp	1	Each	1119	One thousand One hundred Nineteen	1119
c)	P/F of Son lamp-T 250 watt	1	Each	2105	Two thousand One hundred five.	2105
d)	P/F of flood light fitting 250 watt complete with ballast , igniter, capacitor and lamp 250 watt son-T	1	Each	15825	Fifteen thousand Eight hundred twenty five	15825
5	P/Installation of following size of circuit breaker and magnetic contactor i/c cost of connection and termination complete in all aspect (Japan / Germany / France)					
a)	TP 30 ampere	1	Each	5521	Five thousand Five hundred Twenty one	5521
b)	TP 60 ampere	1	Each	5521	Five thousand Five hundred Twenty one	5521
c)	TP 100 ampere	1	Each	9261	Nine thousand Two hundred Sixty one	9261
d)	TP 225 ampere	1	Each	25541	Twenty five thousand five hundred forty one.	25541
6	P/f of one way single pole switch 6 ampere piano type	1	Each	54	Fifty four	54
7	P/f of two pin plug socket single pole switch 5 ampere piano type	1	Each	83	Eighty three	83
8	P/F of ceiling rose best quality on the wall / roof	1	Each	72	Seventy two	72
9	Providing, Fixing, testing & commissioning of 56" Ceiling Fan complete with all fixing accessories, all pre-wired & ready for use (Pak fans, Millat & Royal /equivalent)	1	Each	3185	Three thousand one hundred Eighty five	3185

S.#	Description	Qty	Unit	Rate	in Word	Total	
1	2	3	4	5	6	7	
10	P/F of UPVC dura duct on surface of the wall or column complete in all aspect with following sizes						
a)	1/2 inch size	1	Ft.	31	Thirty one	31	
b)	3/4 inch size	1	Ft.	34	Thirty four	34	
c)	1 inch size	1	Ft.	40	Fourty	40	
d)	2 inch size	1	Ft.	45	Fourty five	45	
<b>NON SCHEDULE ITEMS.</b>						<b>Total</b>	<b>94890</b>
11	P/Lying main / sub main with following sizes and core of PVC/ PVC 99.99% copper conductor cable in given size of PVC conduit /dura duct.						
a)	1-Core 50mmsq	1	Mtr				
b)	1-Core 95mmsq	1	Mtr				
c)	1-core 120mmsq	1	Mtr				
d)	1-240mmsq	1	Mtr				
12	Providing and installation of bracket/wall mounted fan 18/16 inch size	1	Each				
13	Providing, Fixing, testing & commissioning of 48" Ceiling Fan complete with all fixing accessories, all pre-wired & ready for use (Pak fans, Millat & Royal /equivalent)	1	Each				
14	Providing, Fixing, testing & commissioning of 12" Exhaust fan complete metal body with all fixing accessories, all pre-wired & ready for use.	1	Each				
15	Providing, fixing & connecting of following gang of switch (Clipsal / MK /Orange /Equivalent) make fixed on suitable size of Pvc / MS back boxes, complete in all respect						
a)	One gang	1	Each				
b)	Two gang	1	Each				
c)	Three gang	1	Each				
d)	Four gang	1	Each				
e)	Five gang	1	Each				

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
f)	Six gang	1	Each			
g)	Fan control dimmers (Fancy type / China)	1	Each			
16	P/F & connecting of 15 Amps, 3 pin switch socket outlet (Clipsal / Orange / M.K / equivalent).	1	Each			
17	P/F & connecting of 10 Amps, 3 pin switch socket outlet (Clipsal / Orange / M.K / equivalent)	1	Each			
18	P/F & connecting of 10/13 Amps, 3 pin switch socket outlet (Germany socket) (Clipsal / Orange / M.K / equivalent).	1	Each			
19	Providing, Fixing, testing & commissioning of light fixtures & other accessories, complete with all accessories such as, Chain, Rod, Screw, foundation for garden light etc. Complete in all respect.					
a)	P/F of tube light fitting 1x16/18 watt surface type made of post painted steel pre anodized complete with LED tube rod 16/18 watt.	1	Each			
b)	P/F of tube light fitting 2x16/18 watt surface type made of post painted steel pre anodized complete with 2 x 16/18 watt LED tube rod.	1	Each			
c)	P/F of LED light panel 32 watt .	1	Each			
d)	P/F of LED tube rod 16/18 watt	1	Each			
e)	P/F of florescent tube rod 40 watt	1	Each			
f)	P/F of florescent tube rod 28 watt T4 lamp colour 84	1	Each			
g)	P/F of electronic ballast TL-D 220-230 EP for T5 lamp 28 watt	1	Each			
h)	P/F of electronic ballast for 40 watt florescent lamp	1	Each			
i)	P/F of Patti fitting 4 ft long	1	Each			
j)	P/F of Energy saver lamp 24-25 watt	1	Each			
k)	P/F of electromagnetic ballast 70 watt for the son lamp	1	Each			
l)	P/F of Igniter for 70 watt son lamp	1	Each			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
m)	P/F of Son lamp 70 watt	1	Each			
n)	P/F of bulb holder E-27 for son lamp 250 watt	1	Each			
o)	P/F of bulb holder E-27 for son lamp 70 watt	1	Each			
p)	P/F of street light fitting LED 60 watt protection level IP-65	1	Each			
20	P/F of light plug 3 pin type E-series Clipsal /equivalent)	1	Each			
21	P/F of power plug 3 pin type E-series Clipsal /equivalent)	1	Each			
22	P/F of light plug 3 pin German type (E-series Clipsa/ equivalent)	1	Each			
23	P/F of light plug 3 pin type (Local made)	1	Each			
24	P/F of power plug 15 ampere Local made)	1	Each			
25	P/F of bulb holder pin type surface on wall or column.	1	Each			
26	P/M/F of fan hook MS make i/c. cutting of roof and plaster	1	Each			
27	P/Installation of following size of circuit breaker and magnetic contactor i/c cost of connection and termination complete in all aspect (Japan / Germany / France)					
a)	Magnetic contactor AC3 13 ampere	1	Each			
b)	Magnetic contactor AC3 26 3p+1a ampere	1	Each			
c)	Magnetic contactor AC3 50 ampere	1	Each			
d)	Auxiliary contractor 13.5 ampere 2a+2b	1	Each			
e)	Auxiliary contractor 10 ampere 2a+2b	1	Each			
f)	MCB SP 2/3 ampere	1	Each			
g)	MCB SP 10to 20 ampere	1	Each			
h)	MCB DP 16-20 ampere	1	Each			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
28	P/F of PVC conduit on surface of the wall or column complete in all aspect with following sizes					
a)	3/4 inch dia	1	Ft.			
b)	1 1/2 inch dia	1	Ft.			
c)	2 inch dia	1	Ft.			
d)	4 inch dia	1	Ft.			
29	P/F of following type of PVC back board surface type					
a)	4 " x 4"	1	Each			
b)	4" x 6"	1	Each			
30	P/F of following sizes of PVC /MS back board recessed in the wall or column complete					
a)	4 " x 4"	1	Each			
b)	4" x 6"	1	Each			
31	P/Installation and connection of electric timer multi range with base plate 220 volt A.C 5 ampere	1	Each			
32	P/Installation and connection of automatic timer switch quartz type with 500 hours power failure back up 220 volt 10 ampere	1	Each			
33	P/Installation and connection of phase failure, phase sequence, U/V and O/V relay	1	Each			
<b>F A N S</b>						
34	Removing & Rewinding of ceiling / Pedestal / wall bracket / exhaust fan then re-fixing the same	1	Job			
35	Removing & Replacement of ball bearing 2-No for ceiling / Pedestal / wall bracket / exhaust fan then re-fixing the same	1	Job			
36	Scraping and painting of ceiling / Pedestal / wall bracket / exhaust fan then re-fixing the same	1	Job			
<b>WATER PUMP SET</b>						
37	Removing of the water pump set 25 /20 hp 5x4 / 4x3 inch size for repairing purpose	1	Job			
A	Replacement of ball bearing suitable size 2 no	1	Job			
B	Replacement of shaft (Gun metal)	1	Job			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
C	Replacement of impeller	1	Job			
D	Replacement of impeller bush	1	Job			
E	Leath machine work	1	Job			
38	Removing of the electric motor 1400 /2800 rpm for water pump set 20/ 25 hp size for repairing purpose	1	Job			
a	Replacement of ball bearing suitable size 2 no	1	Job			
b	Rewinding with copper wire as existing gauge complete	1	Job			
c	Replacement of fan blade	1	Job			
39	P/F of cast Iron pulley 5 inch dia with rubber packing	1	Set			
40	P/F of cast Iron pulley 4 inch dia with rubber packing	1	Set			
41	Removing of the water pump set 2-5 hp 2x1.5 inch size for repairing purpose	1	Job			
a	Replacement of ball bearing suitable size 2 no	1	Job			
b	Replacement of shaft	1	Job			
c	Replacement of impeller	1	Job			
d	Replacement of impeller bush	1	Job			
e	Leath machine work	1	Job			
42	Removing of the electric motor 1400 /2800 rpm for water pump set 5 hp size for repairing purpose	1	Job			
a	Replacement of ball bearing suitable size 2 no	1	Job			
b	Rewinding with copper wire as existing gauge complete	1	Job			
c	Replacement of fan	1	Job			
43	P/f of sluice valve 4 inch dia	1	Each			
44	P/F of sluice valve 5 inch dia	1	Each			
45	P/F of ball valve 2 inch dia	1	Each			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
46	P/F of ball valve 1.5 inch dia	1	Each			
47	P/F of foot valve 5 inch dia	1	Each			
48	P/F of ball valve 4 inch dia	1	Each			
49	P/F of ball valve 2 inch dia	1	Each			
50	P/F of MS socket 5 inch dia	1	Each			
51	P/F of MS pipe 5 inch dia including making of thread both side/ welding work including required size of nuts bolts	1	Ft			
52	P/F of G.I pipe 4 inch dia	1	Ft			
53	P/F of G.I pipe 2 inch dia	1	Ft			
54	P/F of G.I pipe 1.5 inch dia	1	Ft			
55	P/F of MS flange 5 inch dia with welding / making of threade work	1	Each			
56	P/F of MS flange 5 inch dia with welding / making of threaded work	1	Each			
57	P/F of Non return valve 5 inch dia with welding / making of threade work	1	Each			
58	P/F of Non return valve 4 inch dia with welding / making of threade work	1	Each			
<b>B</b>	<b>PASSENGER AND PATIENT LIFTS</b>					
59	Monthly servicing with cleaning the machines, panel etc (once in a month) and providing the systematic inspection, detection and correction of incipient failure either before the occur or before they develop into major defect of lift including trouble shooting whenever required during the month for up to G+4 floor local /Imported swing door /sliding door, bed lift/ Passenger lift, Cargo lift.	1	Job			
<b>I</b>	<b>REPLACEMENT OF PARTS</b>					
60	P/F of diode bridge heat sink type as per existing rated. (Imported).	1	Each			
61	P/F and commissioning of inverter 20 hp 3 phase 440 volt complete in all aspect.	1	Each			

S:#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
62	P/F as commissioning of inverter 10 hp 3 phase 440 volt complete in all aspect.	1	Each			
63	Providing, Installation, commissioning and testing of main P.C.B controller for the main panel including installation the soft wear.	1	Each			
64	P/F of display card Pieces as required	1	Each			
65	P/F of C.O.P. communication P.C card	1	Each			
66	P/F of leveling inductor 05 pieces complete	1	Each			
67	P/F of encoder	1	Each			
68	P/F of door roller ball bearing type (imported)	1	Each			
69	P/F leveling of door drive unit complete with motor, inverter and other mechanism	1	Each			
70	P/F of door sensor beam complete with connection	1	Each			
71	P/F of Relay contact pin type with base plate 220/110 /440 volt AC (Pin should be as per existing sample) complete with connection	1	Each			
72	P/F of magnetic Contractor 60 ampere 220/ 110 / 440 volt A.C.	1	Each			
73	P/F of magnetic Contractor 15-20 ampere 220/ 110 / 440 volt A.C.	1	Each			
74	P/F of relay contact's base plate 220/ 110 volt AC pin type.	1	Each			
75	P/F of electric timer 0-30 second 220/110 volt.	1	Each			
76	P/F of cartage fuse 24 ampere (Imported).	1	Each			
77	P/ F of step down transformer A.C 440/110 5 ampere.	1	Each			
78	P/F of Magnetic contractor 220/110 volt AC triple pole 60 ampere.	1	Each			
79	P/F of door closer hydraulic heavy duty.	1	Each			
80	P/F of PVC insulated copper conductor 24-core 40/0.076 flat cable.	1	Mtr			



S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
81	Providing wiring with 3/4mm PVC copper conductor wire in suitable size of PVC conduit	1	Mtr			
82	P/Installation of phase protection relay along with base plate	1	Each			
83	P/F of steel wire rope (1+8+19) 11 mm to 12mm imported.	1	Each			
84	P/F of safety wire glass should be installed on the lift's door as per required size and shape ( Local make)	1	P.Sqft			
85	P/F of door retiring cam ( Local)	1	Each			
86	P/Filling gear Oil 140 – Shell	1	P.Ltr			
87	P/F of speed governor set complete ( Local)	1	Set			
88	P/F of door contact ( Local)	1	Each			
89	P/F of nylon shoe 5-16mm dia ( Local) as per existing sample	1	Each			
90	P/F of circuit breaker 2 ampere SP (Japan/ Germany/France).	1	Each			
91	P/F of push button for lift (Imported)	1	Each			
92	P/F of booster open/close type (Imported).	1	Each			
93	P/F of door lock completes door contact (Local).	1	Each			
94	P/F of door handle Aluminum made	1	Each			
95	P/F of LED light fitting with LED lamp 3 watt	1	Each			
96	P/F of circumatic fan 16 inch size plastic body (Pak/Millat/GFC).	1	Each			
97	P/F of car cabin panel S.S made with LN key suitable for G+4 lift without push button of lift	1	Each			
98	P/F of landing panel S.S made with LN key on the floor without push button of lift	1	Each			
99	P/F of door roller (Local).	1	Each			
100	P/F of door shoe (Local)	1	Each			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
101	P/F of door open roller (Local)	1	Each			
102	P/M/Installation of electric control panel for the lift complete with all control wiring, connector, and PVC dura duct size should be minimum 30 inch x 45 inch x 10 inch (L xBx Deep) with 16 SWG MS sheet colour coated floor mounted type. complete in all aspect as per instruction of E.I.	1	Each			
103	P/F of door selector device 110/220 volt imported as per required size and shape.	1	Each			
104	P/F of lift door glass as per required size and shape	1	Each			
105	P/F of door glass supporting (Frame) MS make as per required shape and size.	1	Each			
106	P/F of circuit breaker 2 ampere SP (Japan/ Germany/France).	1	Each			
107	P/F of guide supporting (MS make).	1	Each			
108	P/F of check nut sheet for the floor of the lift as per required size	1	Each			
109	P/F of car cabin ceiling S.S made complete with lights and fan, as per instruction of E/I	1	Each			
110	P/F of call button in the given board /panel as per instruction of E..I	1	Each			
111	P/F of display digital type with indication up and down.	1	Each			
112	P/F of main guide rail 16 mm thickness (Imported).	1	Ft.			
113	P/F of counter weight's guide rail (imported)	1	Ft.			
114	P/F of speed governor's wire rope (Imported)	1	Ft.			
115	P/F of mirror ( China ) for lift's car cabin as per required size and shape as per instruction of E.I	1	Sq.ft.			
116	P/F of wooden / Aluminum 1 inch thickness breath for supporting rail in car cabin as per required size and shape as per instruction of E.I.	1	Each			
117	P/F of motor's coupling cast Iron make	1	Each			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
118	P/F of break shoe complete	1	Each			
119	P/Installation ,commissioning and testing of the traction machine complete with gear, motor 10 Hp break and other allied accessories i.e nuts bolts and etc (imported except china)	1	Each			
120	P/F of door retiring cam (Imported)	1	Each			
<b>REPLACEMENT OF PARTS INCLUDING LABOUR CHARES</b>						
121	Removing and repairing of main controller P.C.B of the main panel with replacing of Ics, heat sink, any soft wear whatever required complete in all aspect.	1	Job			
122	Repairing of the door drive unit with replacement of burnt parts and etc complete in all aspect.	1	Job			
123	Repairing of the break with rewinding of the motor complete in all aspect.	1	Job			
124	Repairing of the break with replacement of break shoe cast iron made complete in all aspect.	1	Job			
125	Dismantling 15 to 20 HP 3-Phase single/ double speed lift's motor for or replacement of bushes / bearing re-fixing the same complete in all aspect	1	Job			
126	Dismantling 7 to 10 HP 3-Phase single/ double speed lift's motor for replacement of bushes / bearing re-fixing the same complete in all aspect	1	Job			
127	Repairing of lift door by means of denting, painting and welding work complete in all aspect for smooth running the door .	1	Job			
128	<u>Dismantling the gear box of the traction machine with the help of chain block for overhauling including the replacement of the all gas kits and oil seal then re-fixing the same complete in all aspect of operation.</u>	1	Job			
129	<u>Complete painting of lift door and its frame with high quality oil paint as per instruction of E.I</u>	1	Job			
130	<u>M/P/F of fly wheel cast iron made as per required size and shape with painting work.</u>	1	Job			

S:#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
131	M/P/F of cast iron pulley for lift traction machine 3-6 groves up to 12 inch.	1	Job			
132	M/P/F of cast iron pulley for lift traction machine 3-6 groves up to 18 inch.	1	Job			
133	Rewinding of lift's motor complete in all aspect including the transportation					
a.	Up to 20 HP single speed	1	Job			
b.	Up to 10 HP single speed	1	Job			
<b>C GENERATOR SETS</b>						
134	Monthly servicing with cleaning the Alternator, Engine, panel and etc (once in a month) and providing the systematic inspection, detection and correction of incipient failure either before the occur or before they develop into major defect of generator set including trouble shooting whenever required during the month for up to 20 to 60 KVA generator set.	1	Job			
135	Monthly servicing with cleaning the Alternator, Engine, panel and etc (once in a month) and providing the systematic inspection, detection and correction of incipient failure either before the occur or before they develop into major defect of generator set including trouble shooting whenever required during the month for up to 80 to 230 KVA generator set.	1	Job			
136	Monthly servicing with cleaning the Alternator, Engine, panel and etc (once in a month) and providing the systematic inspection, detection and correction of incipient failure either before the occur or before they develop into major defect of generator set including trouble shooting whenever required during the month for up to 250 to 400 KVA generator set.	1	Job			
137	Monthly servicing with cleaning the Alternator, Engine, panel and etc (once in a month) and providing the systematic inspection, detection and correction of incipient failure either before the occur or before they develop into major defect of generator set including trouble shooting whenever required during the month for up to 450 to 800 KVA generator set.	1	Job			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
	<b>REPLACEMENT OF PARTS INCLUDING LABOUR CHARES</b>					
138	P/F of fuel filter for 20 KVA Generator set	1	Job			
139	P/F of fuel filter for 30-60 KVA D.G set	1	Job			
140	P/F of fuel filter for 80-210 KVA D.G set	1	Job			
141	P/F of fuel filter for 250-400 KVA D.G set	1	Job			
142	P/F of fuel filter for 450-800 KVA D.G set	1	Job			
143	P/F of oil filter for 20 KVA Generator set	1	Job			
144	P/F of oil filter for 25-60 KVA Generator set	1	Job			
145	P/F of oil filter for 80-210 KVA D.G set	1	Job			
146	P/F of oil filter for 250 -400 KVA D.G set	1	Job			
147	P/F of oil filter for 450-800 KVA D.G set	1	Job			
148	P/F of air filter for 20 KVA Generator set	1	Job			
149	P/F of air filter for 25-60 KVA Generator set	1	Job			
150	P/F of air filter for 80-210 KVA D.G set	1	Job			
151	P/F of air filter for 250 -400 KVA D.G set	1	Job			
152	P/F of air filter for 450-800 KVA D.G set	1	Job			
153	P/F of water filter for 400-800 KVA D.G set	1	Job			
154	P/F of lead acid battery 12 volt 40 ampere	1	Job			
155	P/F of lead acid battery 12 volt 120 ampere	1	Job			
156	P/F of lead acid battery 12 volt 200 ampere	1	Job			
157	P/F of battery terminal	1	Job			
158	P/F of Radiator with top and bottom for 20-40 KVA Generator set	1	Job			
159	P/F of Radiator with top and bottom for 60-80 KVA Generator set	1	Job			
160	P/F of Radiator with top and bottom for 100-210 KVA Generator set	1	Job			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
161	P/F of Radiator with top and bottom for 250-410 KVA Generator set	1	Job			
162	P/F of Radiator with top and bottom for 450 - 600 KVA Generator set	1	Job			
163	P/F of Radiator with top and bottom for 500 - 800 KVA Generator set	1	Job			
164	P/Filling diesel oil	1	Ltr,			
165	P/F of electric self 12 volt D.C complete with P terminal for 20-40 KVA Generator set	1	Job			
166	P/F of electric self 12 volt D.C complete with terminal for 60-80 KVA Generator set	1	Job			
167	P/F of Radiator with top and bottom for 100-210 KVA Generator set	1	Job			
168	P/F of electric self 12 volt D.C complete with terminal for 250-410 KVA D.G set	1	Job			
169	P/F electric self 12 volt D.C complete with terminal for 450 - 600 KVA Generator set	1	Job			
170	P/F electric self 12 volt D.C complete with terminal for 500 - 800 KVA Generator set	1	Job			
171	P/F of solonite switch 12 volt for 20 KVA Generator set	1	Job			
172	P/F of solonlite switch 12 volt for 25-60 KVA Generator set	1	Job			
173	P/F of solonite switch 12/24 volt for 80-210 KVA Generator set	1	Job			
174	P/F of solonite switch 12/24 volt for 250 -400 KVA Generator set	1	Job			
175	P/F of solonite switch 12/24 volt for 450-800 KVA Generator set	1	Job			
176	P/F of fan blade of the radiator for 20 KVA Generator set	1	Job			
177	P/F of fan blade of the radiator for 25-60 KVA Generator set	1	Job			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
178	Removing of the radiator complete the servicing the same with the help of pressure pump the re-fixing the same complete in all aspect for 500-800 KVA D.G set.	1	Job			
	<b>D A I R C O N D I T I O N S</b> <b>S E R V I C I N G &amp; T R O U B L E S H O O T I N G</b>					
179	Complete servicing of indoor and outdoor unit of split unit air conditions by the help of water and cleaning the same the re-fixing at site having cooling capacity 12000btu to 24000 btu complete in all aspect.	1	Job			
180	P/F of reciprocating / Rotary type compressor i/c cost of removing old one for window / split unit air condition with following sizes					
a)	24000 btu/hr	1	Job			
b)	18000 btu/hr	1	Job			
c)	12000 btu/hr	1	Job			
d)	152500 btu/hr (for package unit A.C)	1	Job			
181	P/F of Air condition condenser for split unit i/c cost of removing old one with following sizes					
a)	24000 btu/hr	1	Job			
b)	18000 btu/hr	1	Job			
c)	12000 btu/hr	1	Job			
d)	152500 btu/hr (for package unit A.C)	1	Job			
182	P/F of Air condition condenser for window A.C i/c cost of removing old one with following sizes					
a)	24000 btu/hr	1	Job			
b)	18000 btu/hr	1	Job			
c)	12000 btu/hr	1	Job			
183	P/F of Air condition fan motor for split unit i/c cost of removing old one with following sizes					
a)	24000 btu/hr	1	Job			
b)	18000 btu/h	1	Job			
c)	12000 btu/hr	1	Job			

S. #	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
- d)	1.5 KW electric motor 3 phase 900 rpm for package unit A.C)	1	Job			
184	P/F of Air condition fan motor for window type A.C i/c cost of removing old one with following sizes					
a)	24000 btu/hr	1	Job			
b)	18000 btu/hr	1	Job			
c)	12000 btu/hr	1	Job			
185	P/F of Air condition condenser fan blade for split unit i/c cost of removing old one with following sizes					
a)	24000 btu/hr	1	Job			
b)	18000 btu/h	1	Job			
c)	12000 btu/hr	1	Job			
d)	152500 btu/hr (for package unit A.C)	1	Job			
e)	210000 btu/hr (for package unit A.C)	1	Job			
186	P/F of Air condition condenser fan blade for window type A.C i/c cost of removing old one with following sizes					
a)	24000 btu/hr	1	Job			
b)	18000 btu/hr	1	Job			
c)	12000 btu/hr	1	Job			
187	P/F of circuit plate for Air condition split type unit i/c cost of removing old one with following sizes					
a)	24000 btu/hr	1	Job			
b)	18000 btu/hr	1	Job			
c)	12000 btu/hr	1	Job			



S. #	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
d)	152500 btu/hr (for package unit A.C)	1	Job			
Total						
Grand Total						

I/We hereby quoted as follows:

PART -"A" (Items Base on S/R amounting to Rs. _____ %Above/Below/At Par the S/R.	Rs.
PART -"B" (Items Based on Offer Rate amounting to _____)	Rs.
Total A + B	Rs.

The total amount is Rs. \_\_\_\_\_ (Rupee \_\_\_\_\_)


\_\_\_\_\_ Only for complete job.

I/We have attached a pay order bearing No. \_\_\_\_\_ Dated: \_\_\_\_\_ issued from

Name of Bank \_\_\_\_\_ amounting Rs. \_\_\_\_\_

Validity Period : 365 Days

Penalty : Rs. 3000/- Per day.

Checked by: 

Signature of the Contractor with Stamp

Address: \_\_\_\_\_

XEN (E&M) C.M. KMC

1

KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT



TENDER REFERENCE NO.KMC/CM/E&M/12/2017-18.

BILL OF QUANTITIES

Subject: Providing and Installation and Commissioning of Diesel Tier 3 Backup Power system for FA KMC Which includes 2x100KVA Diesel Generating Set with synchronizing Panel & other Accessories.

Estimated Cost: 20.00 Million

Earnest Money: 2% on quoted rates.

Tender Cost: Rs.3000/- Each.

**ELEGIBILITY CRITERIA:**

- 1 Valid PEC in C-6 (EE-06) & above in relevant category
- 2 NTN Certificate of F.B.R.
- 3 Valid Professional Tax.
- 4 Registered with Sindh Revenue Board.
- 5 Electric Contractors License Valid from Electrical Inspector, Government of Sindh.
- 6 Proof of PEC registered Engineer with the firm and his presence in person at the time of issuance of tender is required to be ensured.
- 7 Participating Contractor /Firm must have experience of Five years in same nature of work any where in Pakistan with strict proof of work orders and completion report / certificate of same works.
- 8 Application for issuance of Tender documents is to be Addressed to CE (E&M) KMC & submitted to Accounts office (E&M) it must comprises of all above mentioned documents /papers to ensure the eligibility of the Contractor/Firm and pay order tender cost.
- 9 Bank statement of the firm/company of last (3) three years to confirm the financial soundness. i.e minimum turn over of Rs. 5 to 10 Millions as per rule 46 (i) (a) (ii).

SIGNATURE OF CONTRACTOR  
ADDRESS & CELL NO.

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3  
**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

Subject: Providing and Installation and Commissioning of Diesel Tier 3 Backup Power system for FA KMC Which includes 2x100KVA Diesel Generating Set with synchronizing Panel & other Accessories.

**SCHEDULE**

Estimated Cost: 20.00 Million

Earnest Money: 2% on quoted rates.

Tender Cost: Rs.3000/- Each.

S.#	Description	Qty	Unit	Rate	in Word	Total
1	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
	<b><u>GENERATOR SETS</u></b>					
1	Providing, installation, commissioning and testing of Water Cooled, single source Diesel Generating Set Suitable for Operation at 50C and 60% Relative Humidity Manufactured by reputed vender assembled in accordance with their provided drawings / manual and consisting of painted welded sheet bed plate frame work to accommodate engine alternator complete with electronic governor to give regulation to BS:5514 class A1 balanced flywheel, jacket water heater, heavy duty starting maintenance free batteries, set of spare oil/fuel Filters, engine with oil Pressure and Water Temperature Gauge, Alternator electronics voltage regulator, 4-pole, single bearing, radio interference suppressors, Electronic Tachometer Frequency meter voltmeter with Selector Switch Ampere Meter with Selector Switch, Emergency Stop push Button, radiator, with water level switch, built fuel tank for operation up to 10 hours, Standby Rating 100 KVA, 400/230V, 50 Cycle/Second at 1500RPM for 3 Phase 4 Wire System, Generator should be Capable of Synchronization, (Caterpillar / Cummins / F.G. Wilson Equivalent) along with super sound proof canopy Including cost of allied work i.e construction of CC foundation required shape and size, etc. Complete in all respects.	2	Job			
2	Providing, fixing and Connection of earthing set which consist of one copper rod size 20mm dia 6ft long buried at 4 meter below the ground level or water level, 3meter away from the nearest foundation of the building. The earth lend shall be 2 Nos 50 mm <sup>2</sup> stranded copper conductor drawn in 50mm dia GI / PVC pipe from the earthing rod to the Generator set including boaring/ digging as required and refilling the earth pits, with necessary salts / earth chemical , as required as per IEE regulation complete in all respects.	6	Job			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
	<b><u>LOW VOLTAGE SWITCH GEAR</u></b>					
3	Providing, fabrication of the following low voltage switch board panel outdoor type , weather proof, floor mounting metal clad compartment style cubical type, separate bus bar, separate section for cable termination to all breakers and all ACBs / MCCBs shall be installed behind a protection dead front plate switch boards of the system 380/400 volts 3 phase 4 wire 50Hz including the under mentioned items, it should be clean down to bear shining metal by de-rusting, and the base coat of phospating and finishing with epoxy powder coating. the colour of panel should be RAL-7032 type, complete in all aspect with interconnection the in-coming out going connection.					
a)	<b><u>AUTO TRANSFER SWITCH PANEL 150 Amps:</u></b> Auto Transfer Switch. It should provide an Auto Transfer of load into existing system with any delay of 4 sec and on resumption of Mains, the ATS system consist of: <b>Incoming</b> * 1-150 Ampere TP MCCB <b>Out going</b> * 02 Nos. 150 Amps 4- Pole MCCB with mechanically and electrically interlock through the A.C motor * 1No. Digital Ammeter with selector switch * 1No. Digital Voltmeter with selector switch * 3 Nos. Current transformers rating: 150/5, * 1No. Timer with base, EVR, * 1No. AMF Module * 1No. Trickle battery charger, * 3 Nos. Indicating Lights (R,Y,B) * Control fuses. * 2-TP MCCB 150 ampere (for UPS and D.B) * 4-99.99% copper bus bar	2	Job			
b)	<b><u>AUTO PHASE SEQUENCE PANEL 200 Amps:</u></b> Auto phase sequence panel. It should provide an Auto Change the phase sequence of the power supply by K-Electric and provide the power supply in sequence as per load requirement. the system consist of: * 01-200 ampere TP MCCB * 02 Nos.200 Amps 3- Pole MCCB with Auxiliary and motor mechanism * 1No. EVR * Timer with base					

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
	<ul style="list-style-type: none"> <li>* 5Nos. control fuses with base.</li> <li>* 3 Nos. Indicating Lights (R,Y,B)</li> <li>* 3-99.99% copper bus Bar</li> <li>* 2-150 ampere TP MCCB (for Panel-1 and 2)</li> </ul>	1	Job			
c)	<p><b>AUTO PHASE SEQUENCE PANEL 800 Amps:</b> Auto phase sequence panel. It should provide an Auto Change the phase sequence of the power supply by K-Electric and provide the power supply in sequence as per load requirement. the system consist of: (for main L.T room)</p> <ul style="list-style-type: none"> <li>* 01-800 ampere TP MCCB</li> <li>* 02-.600 Ampere TP MCCB with Auxiliary, shunt trip, UVT and motor</li> <li>* 1Nos. EVR</li> <li>* Timer with base</li> <li>* 5Nos. control fuses with base.</li> <li>* 5 Nos. Indicating Lights (R,Y,B)(normal +abnormal)</li> <li>* 3-99.99% copper bus Bar</li> </ul>	1	Job			
d)	<p>Supply &amp; installation of Automatic Power factor Improvement plant 325 KVAR floor mounted type comprising of;</p> <ul style="list-style-type: none"> <li>* 1-TP MCCB 800 ampere (Given)</li> <li>* 1-Am-meter 800 ampere</li> <li>* 1-Volt-meter 0-500 V</li> <li>* 1-Ampere Selector Switch</li> <li>* 1-Volt Selector Switch</li> <li>* 3-current Transformer 800/5 ampere</li> <li>* 3-Indication lights (R/Y/B)</li> <li>* 3-control fuse 2 ampere</li> <li>* 1-Load breaker switch TP 630 Amps</li> <li>* 1-PFI Relay 12-stages</li> <li>* 1-Magnetic contactor 60 ampere (AC-1)</li> <li>* 6- Magnetic contactor 125 ampere (AC-1)</li> <li>* 1-Capacitor 25 KVAR</li> <li>* 6-Capacitor 50 KVAR</li> <li>* 3-HRC fuse 63 ampere</li> <li>* 3-HRC fuse Base</li> <li>* 18-HRC fuse 125 ampere</li> <li>* 18-HRC fuse base</li> <li>* 7-M/O/A switch</li> <li>* 7-Indicating light (ON)</li> <li>* 4-Control fuses</li> <li>* 1-Exhaust fan.</li> </ul>	1	Job			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
e)	<p><b>UDB &amp; B</b></p> <p>Providing, Installation, commissioning and testing of the distribution pane wall mounted recessed type front opening system along with locking arrangement, should be clean down to bear shining metal by de-rusting, and the base coat of phospating and finishing with epoxy powder coating. the colour of panel should be RAL-7032type the panel must be consist of following</p> <p><b>IN-COMING</b></p> <p>1-150 ampere TP MCCB 3-Indication Lamp( RYB)</p> <p><b>OUT GOING</b></p> <p>24-16 ampere DP MCB 03-10 Ampere DP MCB</p>	2	Job			
4	Providing and Laying of control wiring with 4/5-core PVC insulated PVC sheathed copper conductor cable 1.5mm as from the generator set to ATS and panel complete in all aspect as per instruction of E/I E.I	50	Mtr			
5	Supply , installation, testing, termination and commissioning of following Single core / Multi-core PVC insulated Copper Conductor Cables for Main/Sub-main Power distribution system in already installed conduits, Cable tray e.t.c, Work also includes necessary termination accessories like compression lugs, color coded sleeves, identification tags etc.					
a)	4 x 95 mm sq PVC SWA	850	Rft.			
b)	4 x 35 mmsq PVC/PVC	550	Rft.			
6	Providing installation and connection of TP MCCB 400 ampere along with UVT and shunt trip in the existing generator set.	1	No			
7	Providing, installation of manual change over switch 630 ampere 4-P with direct handle with shaft extension in the given panel box complete with removing the old broken change over switch	1	No			
<b><u>FIRE SYSTEM &amp; SUPPRESSION SYSTEM</u></b>						
8	Providing, Installation and commissioning of the Fire detection and Fire suppression system (FDSS) complete with all equipment / wiring /piping and etc, the system should be as per following to be installed at existing Data center room size 16' x 19' x 9.5'					

S.#	Description	Qty	Unit	Rate	in Word	Total
↑	2	3	4	5	6	7
	<p>* Material and equipment shall be standard product of the manufacture's latest design and suitable to perform the function intended.</p> <p>* The name of manufacture and the serial no shall appear on the major component.</p> <p>* All devices and the equipment must be UL listed and or /FM approved.</p> <p>* All devices, equipment and components shall be product of the same manufactured</p> <p>* After the installation is complete, the system shall be inspected by factory trained personnel in accordance with the manufacturer's recommended procedures.</p> <p>* All wiring shall be tested for proper connection, continuity, and resistance to ground.</p> <p>* The complete system shall be functionally tested in the presence of the Owners, and all functions, including system and equipment interlocks, must be operational at least ten (10) days prior to the final acceptance test.</p> <p>a) Each detector shall be tested in accordance with the manufacturer's recommended procedures. The system and equipment interlocks, such as door releases, audible and visual alarms, and equipment shut-downs shall function at that time.</p> <p>b) Each circuit shall be tested for trouble by inducing a trouble condition to the system.</p> <p><b><u>AGENT TANK/ CYLINDER:</u></b> The agent storage tank /cylinder consist on an approval DOT 4BW450 or DOT 4BW500 high pressure steel tank fitted with a discharge valve, pressure gauge, actuator and internal siphon tube factory filled with FM-200 gaseous to 360 Psig at 70°F, the capacity of the agent tank must be 60Kg a name plate is adhered to the tank displaying the agent weight, tare weight, gross weight, fill density and charge date. The cylinder is secured in place by mounting bracket which must be fixed to a solid wall or the strut assembly after the cylinder is surely mounted it is connected to discharge piping as per requirement.</p>					



S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
	<p><b><u>DISTRIBUTION PIPING NETWORK.</u></b> The pipe should be UL Listed/FM approved should be made of steel or cast iron conforming to ASTM A-120 or A-53 or A-106 the size and the quantity of pipe according to the requirement of room but it must be Sch-40, should be capable to bear 360 Psig pressure complete in all aspect with reducer, Tee, L-boo and pipe supporting accessories.</p> <p><b><u>NOZZLES:</u></b> the nozzles must be equipped with female National pipe threads and provide the equal distribution of the agent throughout the protected area, it must be made of Brass 360° pendent type the quantity should be 3 or 04 no but the size should be as per requirement of room</p>	1	Job			
9	<p>Providing/Installation and commissioning of the Fire detection and Fire suppression system (FDSS) complete with all equipment / wiring /piping and etc, the system should be as per following to be installedat existing electric power room size 17' x 9' x 9.5'</p> <ul style="list-style-type: none"> <li>* Material and equipment shall be standard product of the manufacture's latest design and suitable to perform the function intended.</li> <li>* The name of manufacture and the serial no shall appear on the major component.</li> <li>* All devices and the equipment must be UL listed and or /FM approved.</li> <li>* All devices, equipment and components shall be product of the same manufactured</li> <li>* After the installation is complete, the system shall be inspected by factory trained personnel in accordance with the manufacturer's recommended procedures.</li> <li>* All wiring shall be tested for proper connection, continuity, and resistance to ground.</li> <li>* The complete system shall be functionally tested in the presence of the Owners, and all functions, including system and equipment interlocks, must be operational at least ten (10) days prior to the final acceptance test.               <ul style="list-style-type: none"> <li>a) Each detector shall be tested in accordance with the manufacturer's recommended procedures. The system and equipment interlocks, such as door releases, audible and visual alarms, and equipment shut-downs shall function at that time.</li> <li>b) Each circuit shall be tested for trouble by inducing a trouble condition to the system.</li> </ul> </li> </ul>					

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
	<p><b>AGENT TANK/ CYLINDER:</b> the agent storage tank cylinders consist on an approval DOT 4BW450 or DOT /4BW500 high pressure steel tank fitted with a discharge valve, pressure gauge, actuator and internal siphon tube factory filled with FM-200 gaseous to 360 Psig at 70°F, the capacity of the agent tank must be 36Kg a name plate is adhered to the tank displaying the agent weight, tare weight, gross weight, fill density and charge date. The cylinder is secured in place by mounting bracket which must be fixed to a solid wall or the strut assembly after the cylinder is surely mounted it is connected to discharge piping as per requirement.</p> <p><b>DISTRIBUTION PIPING NETWORK.</b> The pipe should be UL Listed/FM approved should be made of steel or cast iron conforming to ASTM A-120 or A-53 or A-106 the size and the quantity of pipe according to the requirement of room but it must be Sch-40, should be capable to bear 360 Psig pressure complete in all aspect with leak free nickel plated brass made reducer, Tee, Elbow, straight coupling, End elbow and pipe supporting accessories.</p> <p><b>NOZZLES:</b> the nozzles must be equipped with female National pipe threads and provide the equal distribution of the agent throughout the protected area, it must be made of Brass 360° pendent type the quantity should be 02 no but the size should be as per requirement of room</p>	1	Job			
10	Providing installation and commissioning of the 3/4-zone Automatic Extinguisher control panel 220 volt, Extinguishant release (21-28Vdc, rated at 1A for 5 mins). Programmable to delay by 0-60 seconds; to be active for 1-300 seconds and to food for 60-1800 seconds, the control panel should be Extinguishant release, Accessed key switch, Operation key switch (Manual only or Manual & Auto), Buttons for Menu; Silence internal sounder; reset panel; silence/resound sounders and scrolling along with batter 12/24 volt.	1	No			
11	P/Installation of smoke detector along with base	10	No			
12	P/Installation of Sounder flasher	2	No			
13	P/Installation of Abort switch	2	No			
14	P/Installation of Fire Alarm Bell 6 inch size	2	No			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
15	Complete wiring with 2-core 1.5mmsq Fire resistance cable.	1630	Mtr			
16	Providing, Installation and commissioning of addressable Fire detection and alarm single loop 4-zone fire panels with battery back up 12/24 volt D.C 4-zone.	1	No			
17	Providing installation and commissioning of floor mounted Inverter type air condition having cooling capacity 30000 btu/hr along with suction and return pipe copper made complete in all aspect with iron bracket drain line, electrical main power line and internal connection.	2	No			

I/We hereby quoted Rates Rs. \_\_\_\_\_

(Rupees Total of Schedule and Non Schedule items rates.) \_\_\_\_\_

I/We the under signed is/are hereby under take to strictly abide all the terms & condition of the tender which are currently in force for the work of Karachi Metropolitan Corporation.

I/We have attached a pay order bearing No. \_\_\_\_\_ Dated: \_\_\_\_\_ issued from \_\_\_\_\_ Bank amount to Rs. \_\_\_\_\_

Validity Period : 90 Days

Penalty : Rs. 3000/- Per day.

Checked by: •



SIGNATURE OF CONTRACTOR  
ADDRESS & CELL NO.

  
XEN (E&M) C.M. KMC

**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**



**TENDER REFERENCE NO.KMC/CM/E&M/13/2017-18.**

**BILL OF QUANTITIES**

**Subject: PROVIDING AND INSTALLATION AND COMMISSIONING OF  
DIESEL GENERATING SET AT LANDLHI MEDICAL COMPLEX.**

Estimated Cost: 05.50 Million

Earnest Money: 2% on quoted rates.

Tender Cost: Rs.3000/- Each.

**ELEGIBILITY CRITERIA:**

- 1 Valid PEC in C-6 (EE-06) & above in relevant category
- 2 NTN Certificate of F.B.R.
- 3 Valid Professional Tax.
- 4 Registered with Sindh Revenue Board.
- 5 Electric Contractors License Valid from Electrical Inspector, Government of Sindh.
- 6 Proof of PEC registered Engineer with the firm and his presence in person at the time of issuance of tender is required to be ensured.
- 7 Participating Contractor /Firm must have experience of Five years in same nature of work any where in Pakistan with strict proof of work orders and completion report / certificate of same works.
- 8 Application for issuance of Tender documents is to be Addressed to CE (E&M) KMC & submitted to Accounts office (E&M) it must comprises of all above mentioned documents /papers to ensure the eligibility of the Contractor/Firm and pay order tender cost.
- 9 Bank statement of the firm/company of last (3) three years to confirm the financial soundness. i.e minimum turn over of Rs. 5 to 10 Millions as per rule 46 (i) (a) (ii).

SIGNATURE OF CONTRACTOR  
ADDRESS & CELL NO.

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**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

**SCHEDULE**

Subject: Providing and Installation and Commissioning of Diesel Generating Set at Landhi Medical Complex.

Estimated Cost: 05.50 Million

Earnest Money: 2% on quoted rates.

Tender Cost: Rs.3000/- Each.

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
1	P/L (Main or Sub Main) of PVC Insulated & PVC sheeted with four core amoured copper conductor 600/1000 volts size 95mm <sup>2</sup> .	50	Mtr	7520	Sven thousand Five hundred Twenty only	3760
<b>NON SCHEDULE ITEMS</b>						
2	P/L (Main or Sub Main) of PVC Insulated & PVC sheeted with single core copper conductor 600/1000 volts size 95mm <sup>2</sup> .	60	Mtr.			
3	Providing installatioon commissioning and testing of Water Cooled, single souorce Diesel Generating Set suitable for operation at 50C and 60% Relative. Humidity Manufactured by reputed vender assembled in accordance with their provided drawings/manual and consisting of painted welded sheet bed plate frame work to accommodate engine alternator complete with electric governor to give regulation to BS 5514 class A1 balanced flywheel, Jacket water heater, heavy duty starting maintenance freee batteries, set of spare oil/fuel Filter engine with oil Pressure and Waterr Temperature Gauge, Alternator electronics voltage regulator, 4 pole, single bearing radio interference suppressors, Electronic Tachometer Frequency mater Voltmeter with Selector Switch Ampere meter with Selector switch, Emergency Stop push button, radiator, with water level switch, built fuel tank for operation up to 10 hours standby Rating 100 KVA 400/230V, 50cycle/Second at 1500RPM for 3 phase 4 wire System, Generator should be Capable of synchronization (Caterpillar/Cummins/ F.G willson/Equivalent). Along with super sound proof canopy including cost of allied work i.e. RCC foundation required shape and size etc complete in all respect.	1	Job			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
4	Providing fixing and Connection of earthing set which consist of one copper rod size 20mm dia 6ft. Long buried at 6 meter below the ground level or water level, 3 meter away from the nearest foundation of the building. The earth lend shall be 2 Nos 50mm <sup>2</sup> stranded copper conductor drawn in 50mm dia GI pipe from the earthing rod to the Generator set including boaring/digging as required and refilling the earth pits, with necessary salts /earth chemical as required as per IEE regulation complete in all respects.	1	Job			
5	Providing, fabrication of lthe following low voltage switch board panel out door type, we4ather proof, floor mounting metal clad compartment style cubical type, each breaker has separate compartment with separate door, separate bus bar, separate section for cable termination to all breakers and all ACBs/MCCBs shall be installed behind a protection dead front plate switch boards of the system 380/400volts 3 phasse • 4 wire 50Hz including the under mentioned items, complete in all aspect with interconnection the incoming for the panel shall be designed suitable for cable enter from top /bottom complete in all aspect. <b>A <u>AUTO SYNCHRONIZING AUTO LOAD SHARING SYSTEM</u></b> <b>INCOMING GENSET - 1 :</b> <b>(100 KVA Diesel Generator Set.)</b> Supply of Synchronizing Panel for 2x100KVA Diesel Generator Set. It consists of: * 02 Nos 150Amps TP MCCB 36 KA. * 02 No 1450ampere Magnetic contactor * 02 No 1 No+ 1 NC Auxiliary contacts * 02 No Synchronizing module. * 02 No Relay card * 01 No Battery Bank. * 06 No Current transformers rating: 150/5 * 01 No Trickle battery charger. * 06 No Control fuses + base * 04 No 150 amperer Copper bus bar. * 01 No Neutral bar.	1	Job			
B	<b><u>AUTO TRANSFER SWITCH PANEL 150AMPS.</u></b> Auto Transfer Switch . It should provide an Auto Trnsfer of load in to existing system with any delay of 4 sec and on resumption of Mains, the ATS system consist of : * 02 Nos 150Amps 4P MCCB with mechanically and and electrically interlock through the A.C motor. * 01 No Digital Ammeter with selector switch * 01 No Digital Voltmeter with selector switch * 03 No Current transformers rating : 150/5 * 01 No Timer with base EVR. * 01 No AMF Module. * 01 No Trickle battery charger. * 03 No Indicating lights (R.Y.B). * 03 No Control fuses + base	1	Job			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
C	<b>AUTO PHASE SEQUENCE PANEL 150AMPS.</b> Auto phase sequence panel. It should provide an Auto Change the phase sequence of the power supply by K-Electric and provide the power supply in sequence as per load requirement the system consist of: * 02 No 150Amps 3 pole MCCB with Auxiliary and motor machanism. * 01 No EVR * 05 No Control fuse with base. * 03 No Indicating lights (R.Y.B).	1	Job			

I/We hereby quoted as follows:

PART -"A" (Items Base on S/R amounting to Rs. _____ %Above/Below/At Par the S/R.	Rs.
PART -"B" (Items Based on Offer Rate amounting to _____	Rs.
Total A + B	Rs.

The total amount is Rs. \_\_\_\_\_ (Rupees: \_\_\_\_\_) Only for complete job.

I/We have attached a pay order bearing No. \_\_\_\_\_ Dated: \_\_\_\_\_ issued from \_\_\_\_\_ amounting Rs. \_\_\_\_\_ as per NIT  
Name of Bank. \_\_\_\_\_


Note:

All rates quoted including the total amount of the bid shall be in figures & words (both).

All corrections/overwriting shall be clearly re-written with initials & duly stamped by the bidder.

The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized Person, if other than the signatory of the firm.

All prevailing rules regarding condition of contract will be appoicable.

Checked by 

Signature of the Contractor with Stamp  
Address: \_\_\_\_\_  
\_\_\_\_\_



KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT



TENDER REFERENCE NO.KMC/CM/E&M/14/2017-18.

BILL OF QUANTITIES

Subject: IMPROVEMENT/REHABILITATION OF TMC CRICKET GROUND F.B AREA  
BLOCK-13 KMC, KARACHI (FLOOD LIGHTS WORK) (PHASE-I)

Estimated Cost: 20.00 Million

Earnest Money: 2% on quoted rates.

Tender Cost: Rs.3000/- Each.

**ELEGIBILITY CRITERIA:**

- 1 Valid PEC in C-6 (EE-06) & above in relevant category
- 2 NTN Certificate of F.B.R.
- 3 Valid Professional Tax.
- 4 Registered with Sindh Revenue Board.
- 5 Electric Contractors License Valid from Electrical Inspector, Government of Sindh.
- 6 Proof of PEC registered Engineer with the firm and his presence in person at the time of issuance of tender is required to be ensured.
- 7 Participating Contractor /Firm must have experience of Five years in same nature of work any where in Pakistan with strict proof of work orders and completion report / certificate of same works.
- 8 Application for issuance of Tender documents is to be Addressed to CE (E&M) KMC & submitted to Accounts office (E&M) it must comprises of all above mentioned documents /papers to ensure the eligibility of the Contractor/Firm and pay order tender cost.
- 9 Bank statement of the firm/company of last (3) three years to confirm the financial soundness. i.e minimum turn over of Rs. 5 to 10 Millions as per rule 46 (i) (a) (ii).

SIGNATURE OF CONTRACTOR  
ADRESS & CELL NO.

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<sup>3</sup>  
**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

**Subject: IMPROVEMENT/REHABILITATION OF TMC CRICKET GROUND F.B AREA  
BLOCK-13 KMC, KARACHI (FLOOD LIGHTS WORK) (PHASE-I)**

**SCHEDULE**

Estimated Cost: 20.00 Million

Earnest Money: 2% on quoted rates.

Tender Cost: Rs.3000/- Each.

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
1	<b><u>LIGHTING MAST</u></b>					
1.1	Supply and Installation of lighting Mast polyground type conical shape MS Fabricated 30 Meter high having including 2 working platform. Stairs etc, suitable to be erected on RCC Foundation pad. The mast shall have a base plate of 25mm x 1200mm x 1200mm size along with stiffeners. The job shall be done in accordance with BS Standards for a wind velocity and specification & as per instruction of Engineer Incharge.	6	Job			
1.2	Supply and installation of lighting head frame fabricated with MS pipe, Angle Iron to accommodate 25 Nos. of Arena Vision 2000 Watt light fixture. The head frame shall be epoxy painted, primer coats, the job includes the complete with all hard wares required at site.	6	Job			
2	<b><u>CONDUITS.</u></b>					
2.1	Supply and Laying of 75mm dia UPVC pipe burried in the ground with bend, socket and all accessories, the job includes the excavation of trench of 3feet depth complete with backfilling as required.	300	Mtr			
2.2	Supply and Installation of best quality flexible steel pipe with PVC coating of 20mm dia to run 6mmsq 3 core PVC/PVC Wire from head frame to the light fixture.	700	Mtr			
3	<b><u>FEEDER PILLAR AND TERMINAL BOX</u></b>					
3.1	Supply and installation of water light weather proof pedestral type feeder pillar or accommodate gear trays of Arena Vision 2000 Watts light fixture, the feeder pillar shall be fabricated with 16 SWG thick MS sheet fabricated, powder coated floor mounted complete in all respect and consisting of the following components:- a) 1-120 Amps TP MCCB b) 2-20 Amps DP MCB c) 25-20Amps Magnetic contractor FC 10 Copper Bus bars d) 16-ON-OFF push button e) 5-150Amps Copper Bus bars.	6	Job			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
3.2	Supply and installtion of Main Panel fabricated with 16SWG thick MS sheet wall mounting /floor mounted powder coated consisting of the following components. <b><u>INCOMMING</u></b> a) 1-400 Amps TP MCCB b) 3-PHASE Indication light c) 1-400/5Amps ammeter with S/S d) 3-400/5Amps CTs e) 5-150Amps Copper Bus bars. <b><u>OUT GOING</u></b> a) 4-200 Amps TP MCCB	2	Job			
4	<b><u>CABLES</u></b> Supply & Laying of PVC/PVC cable laid in existing U PVC pipe complete with cable protection tiles as per following. a) 4/C 120nn2 PVC/PVC	40	Mtr			
	b) 4/C 50nn2 PVC/PVC	352	Mtr			
	c) 3/C 6nn2 PVC/PVC	203	Mtr			
	d) 1/C 4nn2 PVC/PVC	500	Mtr			
5	<b><u>EARTHING</u></b> Supply and Installation of earthing system made with 600mmx600mmx5mm size copper plate with 2x25 mm single core earth leads run in the 38mm Dia GI pipe from earth electrode to the equipments. The earth plate burried in the ground at the depth of 5 Meter or Less up to the water table, the job includes the excavation of earth pit, earth chamber and mixture of charcoal and salt etc complete in all respect.	6	Job			
6	<b><u>FOUNDATION</u></b> Construction of RCC foundation for fixing of 30 Meter high lighting mast as per drawing and design and instruction of Engineer Incharge.	6	Job			
7	<b><u>AIR CRAFT WARNING LIGHT</u></b> Supply and installtion Air Craft Warning light complete with fixing accessories as per instruction of Engineer Incharge.	6	Job			
8	<b><u>EXCAVATION.</u></b> Excavation and back filling hard/soft rock soil as required up to 3ft. As per site requirement and instruction of engineer Incharge.	15500	Cft.s.			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
<b>PART "B"</b>						
9	<u>K-ELECTRIC P.M.T.</u> Provision for K-Electric connection of PMT Poles etc complete as per site requirement as per instruction of site engineer Incharge.	1	Job			

I/We hereby quoted Rates Rs. \_\_\_\_\_  
(Rupees Total of Schedule and Non Schedule items rates.) \_\_\_\_\_

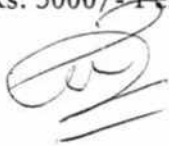
I/We the under signed is/are hereby under take to strictly abide all the terms & condition of the tender which are currently in force for the work of Karachi Metropolitan Corporation.

I/We have attached a pay order bearing No. \_\_\_\_\_ Dated \_\_\_\_\_ issued from \_\_\_\_\_ Bank amount to Rs. \_\_\_\_\_ as per NIT.

Validity Period : 120 Days

Penalty : Rs. 3000/- Per day.

Checked by:



SIGNATURE OF CONTRACTOR  
ADDRESS & CELL NO.

\_\_\_\_\_

XEN (E&M) C.M. KMC

KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT



TENDER REFERENCE NO.KMC/CM/E&M/15/2017-18.

BILL OF QUANTITIES

Subject: IMPROVEMENT/REHABILITATION OF TMC CRICKET GROUND F.B AREA  
BLOCK-13 KMC, KARACHI (FLOOD LIGHTS WORK) (PHASE-II)

Estimated Cost: 20.00 Million

Earnest Money: 2% on quoted rates.

Tender Cost: Rs.3000/- Each.

**ELEGIBILITY CRITERIA:**

- 1 Valid PEC in C-6 (EE-06) & above in relevant category
- 2 NTN Certificate of F.B.R.
- 3 Valid Professional Tax.
- 4 Registered with Sindh Revenue Board.
- 5 Electric Contractors License Valid from Electrical Inspector, Government of Sindh.
- 6 Proof of PEC registered Engineer with the firm and his presence in person at the time of issuance of tender is required to be ensured.
- 7 Participating Contractor /Firm must have experience of Five years in same nature of work any where in Pakistan with strict proof of work orders and completion report / certificate of same works.
- 8 Application for issuance of Tender documents is to be Addressed to CE (E&M) KMC & submitted to Accounts office (E&M) it must comprises of all above mentioned documents /papers to ensure the eligibility of the Contractor/Firm and pay order tender cost.
- 9 Bank statement of the firm/company of last (3) three years to confirm the financial soundness. i.e minimum turn over of Rs. 5 to 10 Millions as per rule 46 (i) (a) (ii).

**SIGNATURE OF CONTRACTOR  
ADRESS & CELL NO.**

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**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

**Subject: IMPROVEMENT/REHABILITATION OF TMC CRICKET GROUND F.B AREA  
BLOCK-13 KMC, KARACHI (FLOOD LIGHTS WORK) (PHASE-II)**

**SCHEDULE**

Estimated Cost: 20.00 Million

Earnest Money: 2% on quoted rates.

Tender Cost: Rs.3000/- Each.

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
1	<b><u>LIGHT FIXTURE.</u></b> Supply and Installaltionof 2000Watts Arina Vision or Equivalent flood light with all gears and lamp complete at the height of upto 30Mtrs with the help of hydrolic Crane etc complete in all respect	90	No			
2	<b><u>CABLES</u></b> Supply & Laying of PVC/PVC cable laid in existing U PVC pipe complete with cable protection tiles as per following. a) 4/C 120nn2 PVC/PVC	35	Mtr			
	b) 4/C 50nn2 PVC/PVC	345	Mtr			
	c) 3/C 6nn2 PVC/PVC	2495	Mtr			
	d) 1/C 4nn2 PVC/PVC	500	Mtr			

I/We hereby quoted Rates Rs. \_\_\_\_\_


(Rupees Total of Schedule and Non Schedule items rates.) \_\_\_\_\_

I/We the under signed is/are hereby under take to strictly abide all the terms & condition of the tender which are currently in force for the work of Karachi Metropolitan Corporation.

I/We have attached a pay order bearing No. \_\_\_\_\_ Dated \_\_\_\_\_ issued from \_\_\_\_\_ Bank amount to Rs. \_\_\_\_\_ as per NIT.

Validity Period : 90 Days

Penalty : Rs. 3000/- Per day.

Checked by: 

SIGNATURE OF CONTRACTOR  
ADRESS & CELL NO.

\_\_\_\_\_

XEN (E&M) C.M. KMC



KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT



TENDER REFERENCE NO.KMC/CM/E&M/16/2017-18.

BILL OF QUANTITIES

IMPROVEMENT OF LIGHTING ARRANGEMENT, IRRIGATION SYSTEM  
AND GRASSING AT MEHADHI HASSAN PARK.

Estimated Cost: 19.94 Million

Earnest Money: 2% on quoted rates.

Tender Cost: Rs.3000/- Each.

## ELEGIBILITY CRITERIA:

- 1 Valid PEC in C-6 (EE-06) & above in relevant category
- 2 NTN Certificate of F.B.R.
- 3 Valid Professional Tax.
- 4 Registered with Sindh Revenue Board.
- 5 Electric Contractors License Valid from Electrical Inspector, Government of Sindh.
- 6 Proof of PEC registered Engineer with the firm and his presence in person at the time of issuance of tender is required to be ensured.
- 7 Participating Contractor /Firm must have experience of Five years in same nature of work any where in Pakistan with strict proof of work orders and completion report / certificate of same works.
- 8 Application for issuance of Tender documents is to be Addressed to CE (E&M) KMC & submitted to Accounts office (E&M) it must comprises of all above mentioned documents /papers to ensure the eligibility of the Contractor/Firm and pay order tender cost.
- 9 Bank statement of the firm/company of last (3) three years to confirm the financial soundness. i.e minimum turn over of Rs. 5 to 10 Millions as per rule 46 (i) (a) (ii).

SIGNATURE OF CONTRACTOR  
ADRESS & CELL NO.

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**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

**SCHEDULE**

Subject: Improvement of Lighting Arrangement, Irrigation System and Grassing at Mehadhi Hassan Park. Medical Complex.

Estimated Cost: 19.94Million

Earnest Money: 2% on quoted rates.

Tender Cost: Rs.3000/- Each.

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
1	<p><b><u>LIGHTING MAST</u></b></p> <p>a) Supply and Installation of lighting Mast polygonal type conical shape MS Fabricated <b>18 Meter</b> high having including 1 working platform. Stairs etc. suitable to erected on RCC Foundation pad. The mast shall have a base plate of 25mm x 8500mx850mm size long with stiffeners. The job shall be done in accordance with BS Standards for a wind velocity and specification i/c of epoxy point 2 cost at least</p> <p>b) Supply and installation of lighting head frame fabricated with MS pipe, Angle Iron to accommodate 7 Nos. of Arena Vision 2000 Watt light fixture. The head frame shall be blasting complete with all hard wares required at site.</p>	6	Each			
2	<p><b><u>FEEDER PILLAR AND TERMINAL BOX</u></b></p> <p>Supply and installation of water light weather proof pedestral type feeder pillar or accommodate gear trays of Arena Vision 2000 Watts light fixture. 4ftx4ftx2ft includeing cost of foundation complete in all respect. the feeder pillar shall be fabricated with 16 SWG thick MS sheet fabricated, powder coated complete in all respect and consisting of the following components:-</p> <p>a) 63Amps TP MCCB           1 Nos</p> <p>b) 20 Amps DP MCB         6 Nos</p> <p>c) Copper Bus Bars         5 Nos</p> <p>d) Netural Bar /Earth point.</p> <p>e) Internal wiring.           6 Nos</p> <p>f) Magnetic Contractor FC 10 6 Nos</p>	6	Job			
3	<p><b><u>LIGHT FIXTURE.</u></b></p> <p>Supply and Installaltionof 2000Watts Philis make Arena Vision flood light at the height up to 60 ft. with all gears and lamp complete in all respect.</p>	42	Each			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
4	<p><b><u>EARTHING</u></b>  Supply and installation of earthing system made with 600 mmx 5mm size copper plate with 2x2.5 mm single core earth leads run in the 38mm Dia GI pipe from earth electrode to the equipments. The earth plate buried in the ground at the depth of 5 Meter or Less up to the water table. the job includes the excavation of earth pit, earth chamber and mixture of charcoal and salt etc complete in all respect.</p>	7	Job			
5	<p><b><u>SWITCH GEARS</u></b>  Supply and installation of Main Panel fabricated with 16 SWG thick MS sheet floor mounting powder coated consisting of the following specification.  Incoming:  a) 1-200 Amps TP MCCB  b) 3- Phase Indication Lights  c) A-Meter with A.S/S.  d) V-Volt with V.S.S  e) 5-Copper Bus Bars  f)Set of CTs  g) Neutral/Earth point.  Outgoing  a) 3-200 Amps TP MCCB</p>	1	Job			
6	P/F of air craft indication lights.	7	Each			
7	Excavation and back filling hard/soft rock soil as required up to 3 ft as per site requirement and instruction of E/I. i/c cost of shifting of debries.	15170	Cft.			
8	P/L GI pipe 3inch dia heavy duty for electric wiring purpose with all allied accessories. The work should be carried out as per site requirement and as per instruction of Engineer Incharge.	60	Mtr.			
9	<p><b><u>FOUNDATION</u></b>  Construction of RCC foundation as per following specification.  Excavation 8'x8'x10' in hard /soft soil.  Lean 1:4:8.  36 Tor bar 12c.m dia for cage in base 10' long each (Horijontal)  14 Nos Rings 10ft. Long Tor Bar each 10c.m (vertical)  8 Nos 10ft. Long 25cm dia vertical Round bar including cost of making thread 6" long with template nuts bolts washer etc complete  RCC work with shuttering 1:2:4 8ft.x8ftx9ft.  GI pipe of IN &amp; out for cable.</p>	6	Each			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
	<b>SCHEDULE ITEMS.</b>			<b>Total</b>		
10	<b>CABLES</b>					
a	P/L (Main or Sub Main) of PVC Insulated & PVC sheeted with two core copper conductor 300/500 volts size 6mm <sup>2</sup> .	1100	Mtr.	233	Two hundred Thirty three	256300
b	Providing & Laying (Main or Sub Main) PVC insulated & PVC insulated & PVC sheeted four core armoured copper conductor 600/1000 volts size 16mm <sup>2</sup>	430	Mtr.	1679	One thousand Six hundred Seventy nine	721970
c	Providing & Laying (Main or Sub Main) PVC insulated & PVC insulated & PVC sheeted four core armoured copper conductor 600/1000 volts size 25mm <sup>2</sup>	445	Mtr.	2435	Two thousand Four hundred Thirty five	1083575
d	Providing & Laying (Main or Sub Main) PVC insulated & PVC insulated & PVC sheeted four core armoured copper conductor 600/1000 volts size 35mm <sup>2</sup>	440	Mtr.	3008	Three thousand Eight	1323520
e	Providing & Laying (Main or Sub Main) PVC insulated & PVC insulated & PVC sheeted four core armoured copper conductor 600/1000 volts size 50mm <sup>2</sup>	90	Mtr.	3910	Three thousand Nine hundred ten	351900
					<b>Total:</b>	<b>3737265</b>

I/We hereby quoted as follows:

PART -"A" (Items Base on S/R amounting to Rs. _____ %Above/Below/At Par the S/R.	Rs. _____
PART -"B" (Items Based on Offer Rate amounting to Rs. _____	Rs. _____
Total A + B	Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees: \_\_\_\_\_) Only for complete job.

I/We have attached a pay order bearing No. \_\_\_\_\_ Dated: \_\_\_\_\_ issued from \_\_\_\_\_ amounting Rs. \_\_\_\_\_ as per NIT

Name of Bank.

Validity Period : 90 Days

Penalty : Rs. 3000/- Per day.

Checked by:

Signature of the Contractor with Stamp

Address: \_\_\_\_\_

\_\_\_\_\_

KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT



TENDER REFERENCE NO.KMC/CM/E&M/17/2017-18.

BILL OF QUANTITIES

Subject: Electrification Works (Balance ) of Zulfiqarabad Oil Tanker Terminal  
along with missing items,KM C

Estimated Cost: 20.00 Million

Earnest Money: 2% on quoted rates.

Tender Cost: Rs.3000/- Each.

**ELEGIBILITY CRITERIA:**

- 1 Valid PEC in C-6 (EE-06) & above in relevant category
- 2 NTN Certificate of F.B.R.
- 3 Valid Professional Tax.
- 4 Registered with Sindh Revenue Board.
- 5 Electric Contractors License Valid from Electrical Inspector, Government of Sindh.
- 6 Proof of PEC registered Engineer with the firm and his presence in person at the time of issuance of tender is required to be ensured.
- 7 Participating Contractor /Firm must have experience of Five years in same nature of work any where in Pakistan with strict proof of work orders and completion report / certificate of same works.
- 8 Application for issuance of Tender documents is to be Addressed to CE (E&M) KMC & submitted to Accounts office (E&M) it must comprises of all above mentioned documents /papers to ensure the eligibility of the Contractor/Firm and pay order tender cost.
- 9 Bank statement of the firm/company of last (3) three years to confirm the financial soundness. i.e minimum turn over of Rs. 5 to 10 Millions as per rule 46 (i) (a) (ii).

**SIGNATURE OF CONTRACTOR  
ADRESS & CELL NO.**

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**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

Subject: Electrification Works (Balance ) of Zulfiqarabad Oil Tanker Terminal  
along with missing items, KM C

**SCHEDULE**

Estimated Cost: 20.00 Million

Earnest Money: 0.40 Million

Tender Cost: Rs.3000/- Each.

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
1	Circuit Wiring with 3x2.5mm PVC copper conductor while one wire as ECC for fan, light, bell in 3/4" dia PVC pipe recessed in the wall complete as required.	1	No			
2	Half point with 2x1.5mm PVC copper conductor for multi purpose use.	20	No			
3	Power plug point with 3x2.5mm PVC copper conduction while one wire as ECC 1/C 3 pin power plug with back box complete as required.	10	No			
4	Same as Item No.4 but 5 pin light plug including light plug and back box.	20	No			
5	P/F of ceiling fan 56" size with dimmer and back box complete as required.	53	No			
6	P/F of Fan hook to hang the fan in proper allignment complete as required.	53	No			
7	P/F of Energy Saver Lamp 24/23 Watt thread type with holder complete as required. (Philips make)	180	No			
8	<p>Providing and fixing of M.S tubular pole as per following specification to be fixed on pre cast foundation with the help of hydraulic crane and manual labour.</p> <p>6MTR (6" dia) x3MTR (5" dia) x3MTR (4" dia)= 40ft.</p> <p>Wall thickness 6 SWG.</p> <p>Base plate 18"x18"x3/4"</p> <p>Hole 4 Nos stiffeners 4 Nos 9-1/2"x4-1/2"x1/2"</p> <p>Making window in the pole required size with LN Key provision.</p> <p>Two coats red oxide ( 2coat) as rust preventive and of required oil paint (2 coat) as per site requirement and instruction of Engineer Incharge.</p>	4	Each			



S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
9	<p>Construction of RCC foundation as per following specification and instruction of Engineer Incharge for 31ft./40ft. Long tubular pole.</p> <p>Excavation of soft/hard soil 3'x3'x5.5ft.</p> <p>Stone soiling 3'x3'x6" making lean in the ratio 1:4:8</p> <p>Length of MS bolts 6-1/2'(3/4" dia) 4Nos and making thread on MS rod .</p> <p>Template 16"x16"x1/4".</p> <p>Rings 1/4" dia round bar 4 Nos to the welded with MS rod.</p> <p>RCC foundation ratio 1:2:4 with appropriate size 2'x2'x6.5'.</p>	5	No			
10	Supply and Installation of 2000W Arina Vision Philips Make double phase complete with gear components as required.	4	No			
11	Supply and Installation of 1000Watts Philips Make single phase complete with gear components as required.	4	No			
12	<p>Making Providing &amp; Fixing of Iron Box Electric Panel. The Panel should be fabricated with 16SWG M.S sheet size 12"x18"x8". The Panel board should be consist of the following accessories i/c cartage charges.</p> <p>a) 1-30Amps T.P MCCB Terasaki.</p> <p>b) 4-15Amps S.P Hagger.</p>	5	Job			
13	Excavation and back filling with help of Excavator at the depth of up to 5ft. Size 5ftx1.5ff.x1ft.	14760	Cft.			
14	<p>Providing and fixing of M.S octagonal pole as per following specification to be fixed on pre cast foundation with the help of hydraulic crane and manual labour 50ft. Long with dia of pole at the top 5" and bottom 18"</p> <p>Wall thickness 6mm.</p> <p>Base plate 38"x38"x1"</p> <p>Stiffeners 12"x6"x1/2" 8 Nos</p> <p>Holes 8 Nos</p> <p>Making window in the pole required size with LN Key provision.</p> <p>Two coats red oxide ( 2coat) as rust preventive</p> <p>Two coats oil paint as per site requirement and instruction of Engineer Incharge.</p>	2	Each			

S.#	Description	Qty	Unit	Rate	in Word	Total
2	3	4	5	6	7	
15	<p>Construction of RCC foundation as per following specification and instruction of Engineer Incharge for 40ft./50ft. Long hexagonal pole 18"x5".</p> <p>Excavation of soft/hard soil 4'x4'x9ft.</p> <p>Stone soiling 4'x4'x6" making lean in the ratio 1:4:8</p> <p>Length of MS bolts 9-1/2'(--1/4" dia) 8 Nos and making thread on MS rod .</p> <p>Template 22"x22"x1/4".</p> <p>Rings 1/4" dia round bar to the welded with MS rod.</p> <p>RCC foundation ratio 1:2:4 with appropriate size 2.5'x2.5'x8.5'.</p>	2	No			
16	<p>Manufacturing providing &amp; fixing angle iron Bracket in square shape to accommodate 6 to 8 nos flood lights fitting 250/400watts with following specification as per site requirement &amp; instruction of Engineer Incharge</p> <p>Angle iron 1.5" inch with supporting angles</p> <p>Length 2ftx2ft. with supporting angles.</p> <p>canopy 5" dia 1 ft. long with nuts.</p>	2	No			
17	<p>Providing and fixing of flood light 400Watts (SON) having IP 65 classification Philips make with 400Watt lamp, choke, capacitor igniter &amp; internal wiring complete in all respect at the height up to 50ft. with the help of hydraulic crane and manual labour as per site requirement and instruction of Engineer Incharge.</p>	16	No			
18	<p>Painting of street light/high mast pole up to 40 ft with bracket with two coats of ICI oil paint with the help of hydraulic crane and manual labour as per site requirement and instruction of E/I.</p>	9	Job			
19	<p>Earthing set as per Pak DWD specification with inspection chamber, copper plate/rod 2x8 SWG copper conductor, GI pipe 1" dia and charcoal mixture depth of pit upto 12' complete as required.</p>	4	No			
20	<p>P/F cable copper conductor as per following specifications.</p> <p>a) 4/C Cable 16mm<sup>2</sup> PVC/SWA</p>	512	Mtr.			
	b) S/C Cable 4mm <sup>2</sup> PVC/PVC	305	Mtr.			
	c) Two/Core Cable 2.5mm <sup>2</sup> PVC/PVC	110	Mtr.			
	d) 4/C 70mm PVC/PVC	194	Mtr			
	e) 4?c 95mm PVCSWA	125	Mtr			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
21	Switches and sockets as per following specification. P/F of Gang Switches as per following specification and requirement with back box and sheets.					
	i) One Gang	4	No			
	ii) Two Gang	2	No			
	iii) Six Gang	15	No			
	iv) Fan Dimmer Back Box	35	No			
	v) Light Plug Socket 5 Pin type.	10	No			
	vi) Power Plug Socket 3 Pin type.	20	No			
22	M/P/F of Feeder Terminal Box as per following specification (For Parking street lights). *. MCB 30 Amp DP 03 No. *. Copper Bus Bars 30 Amp 04 No. *. Powder Coated box floor mounted type with locking arrangement. *. Brass nuts and bolts with lugs.	11	Job			
23	P/F of ceiling rose with cover plate.	63	No			
24	<b>Pipes and fittings.</b> a) P/F of GI/PVC pipe as per following specification .					
	i) 2" dia GI	25	Mtr.			
	ii) 2" dia PVC (Corogated)	25	Mtr.			
25	Cable termination / connection, testing and commissioning 4 core /3 core/3-1/2 core PVC / armoured at both ends inside the junction box with suitable 4x100 Amps PVC connector complete in all respect as required.	6	Job			
26	Supply and Installation of lighting Head Frame fabricated with MS Pipe, Angle Iron to accommodate 1 No. of Arena Vision 1800 Watt light fixtures and Ballast. The head frame shall be epoxy painted, primer coats, the job i/c. the sand blasting complete with all hard wares required at site.	4	Job			
27	P/L main or sub main with 10mm 2 core PVC insulated PVC sheathed (H.M cables, Universal Cables) i/c cost of Excavation size 3x2ft. After laying of cable refilling the same as required i/c cost of cartage charges.	350	Mtr			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
28	P/L main or Sub main with 16mm two core PVC insulated and PVC sheeted (H.M Cables, Universal Cables) make in given trench as required i/c cost of cartage charges.	750	Mtr			
29	P/L Main or Submain PVC insulated PVC Sheeted copper conductor 600/1000 volts size 16mm <sup>2</sup> four core (H.M Cable, Universal Cable) make burried in the grand at the depth of 3ft i/c cost of excavation size 3x2ft. after laying of cable refilling the excavated material as required i/c cost of cartage charges.	1200	Mtr			
30	P/L Main or Sub main PVC insulated PVC Sheeted copper conductor 600/1000 volts size 35mm <sup>2</sup> four core (H.M Cable, Universal Cable) make with 4mm single core as ECC i/c cost of excavation size 3x2ft. after laying of cable refilling the excavated material as required i/c cost of cartage charges.	1500	Mtr			
31	P/L main or sub main with 120mm <sup>2</sup> four core PVC insulated and PVC Sheeted (H.M Cable, Universal Cable) make 600/1000 volts burried in the ground at the depth of 3ft. i/c cost of excavation size 3x2ft/ after laying laying of cable refilling the excavated material as required i/c cartage charges from market to site. The cable should be lay handle with crane, cable jack tools or plant and manual labour as required.	300	Mtr			
32	P/L Main or Sub main with 240mm <sup>2</sup> four core PVC insulated & PVC Sheeted (H.M Cables, Universal Cables) make as required i/c cost of cartage charges from market to site	32	Mtr			
33	Jointing work of 120mm unarmored cable with complete jointing kit (Raycham) i/c cost of excavation in hard or soft soil 3ft deep or 2ft. wide etc complete in all respect as per site requirement and instruction of Engineer Incharge.	6	Job			
34	P/F Circuit breaker 630Amps T.P Setting 400-630Amps (XS-630Cj) fitted in the Iron box size 18"x48"x10" wall type the panel should be installed on the wall with tools & manual labour as required.	1	Job			
35	Making wiring for th light or fan point with 2x3/.029 PVC insulated wire in 3/4" dia PVC pipe conduit on M.S iron shade with pipe holding clamp as required..	150	Each			
36	Making wiring for plug point with 2x3/.029 PVC insulated wire in 3/4" dia PVC pipe conduit on surface with pipe holding clamp as required.	60	Each			
37	Providing fixing ceiling fan completed sealed fan 56" size water proof suitable for open space (Royal, GFC) Make as required.	50	Each			

S.#	Description	Qty	Unit	Rate	in Word	Total
1	2	3	4	5	6	7
38	P/F Switches 5 Amp PPI.	200	Each			
39	P/F Switches Socket 5 Amp PPI.	60	Each			
40	P/F Switch board open type wooden with fiber sheet different size as required.	30	Each			
40	Missing/Stolon items of D.B./Power Factor etc renovate and making then operative A) <u>Power Factor.</u>					
	HRC fuse hook 280/300A DF Electric Japan	3	No			
	Indication lamps 8LP2T 8 LP2T, Lovato Italy	4	No			
	Push Buttons A25PFOIR MARU YASU	6	No			
	Control fuse 6A, DF Electric	12	No			
	SP MCB T-O+PM-F FINLAND/ABB	1	No			
	PFI controller Step Nokian Italy	1	No			
	CT's 200/5A ITALY, TAR 3D, REVALC	3	No			
	Exhaust fan Approved	1	No			
	MOR SWITCH	1	Job			
	Copper connecting bus bars set.	1	Set			
	<b>B) <u>Main Disstribution Pannel</u></b>					
	a) 1-200 Amps TP MCCB	1	No			
	b) 6-100 Amps TP MCCB	6	No			
	c) 1-Volt meter with VSS	1	No			
	d) 5Amps ammeter 3Q with ASS.	5	No			
	e) 3-200/5Amps CT's	3	No			
	f) 4-Copper Bus Bars 200Amps (Set)	1	Set			
	g)3-Phase Indication lamp	1	Set			

S.#	Description	Qty	Unit	Rate	in Word	Total
2		3	4	5	6	7
	h) Set of CT's 200/5 Amp	1	Job			
41	<u>Lamps/Choks 2000Watts.</u>					
	a) Lamps 2000Watts.	5	No			
	b) Choke 2000Watts	5	No			
	c) Ignitor for 2000Watts.	5	No			
	d) Capacitor for 2000Watts.	5	No			
42	D.B.for offices at PSO Rest House Powder coated box wall mounted and door type. 1 No. MCCB, 30 HP T.P. 1 No. MCB, 20 Amps. 10 No MCB, 3 Amps. 12 No Internal wiring.	1	Job			
43	D.B for wash room at PSO Rest House. Powder coated box wall mounted and door type. 1 No. MCB, 20 Amps. 1 No MCB, 3 Amps. 6 No Internal wiring.	1	Job			

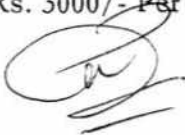
I/We hereby quoted Rates Rs. \_\_\_\_\_  
(Rupees Total of Schedule and Non Schedule items rates.) \_\_\_\_\_

I/We the under signed is/are hereby under take to strictly abide all the terms & condition of the tender which are currently in force for the work of Karachi Metropolitan Corporation.

I/We have attached a pay order bearing No. \_\_\_\_\_ Dated: \_\_\_\_\_ issued from \_\_\_\_\_ Bank amount to Rs. \_\_\_\_\_ as per NIT.

Time Limit : 120 Days

Penalty : Rs. 3000/- Per day.

Checked by: 

SIGNATURE OF CONTRACTOR  
ADDRESS & CELL NO.

XEN (E&M) C.M. KMC

## **INSTRUCTIONS TO PROCURING AGENCIES**

# **SPPRA BIDDING DOCUMENT**

**STANDARD FORM OF BIDDING DOCUMENT**

**FOR**

**PROCUREMENT OF WORKS**

(For Contracts (Small) amounting between Rs.2.5 million to Rs.50 million)



**INSTRUCTIONS TO PROCURING AGENCIES**  
**(Not to be included in Bidding Documents)**

**A. Basis of Documents**

These Documents have been prepared as a global document intended to be used by different agencies/users according to their requirements. This document is envisaged for National Competitive Bidding (NCB), meant for use for Works costing not more than Rs. 25 Million. These documents may be tailored according to the scope of works as well as in case of contracts on International Competitive Bidding (ICB) basis, funded by international financial institutions/donors, with payments in foreign currencies. Procuring agencies are then to tailor the relevant clauses to suit their requirements including appropriate modifications in the relevant sections of the documents in the light of SPPRA Bidding Documents for Large Works.

The Procuring Agency is expected to manage the Contract itself. The role of Engineer may be added by the Procuring Agency, if the Procuring Agency wishes to engage a consultant. The role of the Engineer with specific delegated powers under various clauses of Instructions to Bidders such as clarifications of Bid Documents, Amendment of Bid Documents, evaluation of Bids etc. and to administer the Contract under various clauses of Conditions of Contract should have been specified. The Procuring Agency will be required to set out in the specifications and drawings the full scope of work including the extent of design to be done by the Contractor, if any.

**B. Contents of Documents**

As stated in Clause IB.4 of Instructions to Bidders, the complete Bidding Documents in addition to Invitation for Bids shall comprise items listed therein including any addendum to Bidding Documents issued in accordance with IB.6. The Standard Form of Bidding Documents (for Small Contracts) includes the following:

1. Instructions to Bidders & Bidding Data
2. Form of Bid & Schedules to Bid
3. Conditions of Contract & Contract Data
4. Standard Forms
5. Specifications
6. Drawings, if any

In addition, Instructions to procuring agencies are also provided at various locations of this document within parenthesis or as a Note(s). Procuring agencies are expected to edit or finalise this document accordingly, by filling in all the relevant blank spaces and forms as per the scope of the work, deleting all notes and instructions intended to help the bidders.

The procuring agency is required to prepare the following for completion of the Bidding Documents:

- (i) Invitation for Bids

- (ii) Bidding Data
- (iii) Schedules to Bid (Samples)
- (iv) Schedule of Prices (Format)
- (v) Contract Data
- (vi) Specifications
- (vii) Drawings, if any

The Procuring agency's attention is drawn to the following while finalizing the Bidding Documents.

#### **C. Notice Inviting Tender/ Invitation for Bids/ Request for Expression of Interest**

The "Notice Inviting Tender" is meant for publication of tenders for calling bids in the newspapers and SPPRA Website.

The blank spaces wherever shown are required to be filled by the Procuring Agency before issuance of Bidding Documents.

The Procuring Agency may modify para 1 of Notice Inviting Tender as per its requirements. The notice should be published so as to give the interested bidders sufficient working period for preparation and submission of bids – not less than 15 days for National Competitive Bidding and 45 days for International Competitive Bidding (SPP Rule 18).

1. The eligible bidders are defined in IB.2; the text can be amended by the Procuring Agency as deemed appropriate.
2. The non-refundable fee for the sale of Bidding Documents should be nominal so as to cover printing/reproduction and mailing costs and to ensure that only bona-fide bidders shall apply (SPP Rule 20).
3. The amount of Bid Security should be a lump sum figure or a percentage, but not less than 1% and more than 5% of bid price and should be in accordance with IB.13.1 (SPP Rule 37).
4. If the venue of receipt of bids and the opening of bids is the same, the times for receipt and opening of bids are to be entered in last Para of the Notice Inviting Tender, otherwise indicate the name, address and exact location for the opening of bids. However the date for the receipt and the opening of bids shall be same (SPP Rule 41).

#### **D. Instructions to Bidders**

These Instructions to Bidders will not be part of Contract and will cease to have effect once the Contract is signed along with Bidding Data.

The Instructions to Bidders can be used as given. Procuring agency may have to make changes under Bidding Data.

The Procuring Agency's or Engineer's Representative, if any, shall exercise powers of the Engineer/Procuring Agency under and in connection with Clauses IB.5, IB.6, IB.16, etc. In

case an Engineer has been appointed by the Procuring Agency, the aforesaid clauses may be modified accordingly to specify the role of the Engineer by the Procuring Agency, otherwise the Engineer's reference wherever exist, except Sub-Clause 1.1.20 & Clause 15 of Conditions of Contract and Item 1.1.20 of Contract Data, shall be deleted.

#### **E. Bidding Data**

The blank spaces wherever shown in Bidding Data are required to be filled by the Engineer/Procuring Agency before issuance of Bidding Documents.

1. Contents of IB.10.3 may be retained or modified by the Procuring Agency.
2. Procuring Agency should insert required experience in IB.11.2.
3. Referring to IB.14.1, the period of bid validity may range from 30 to 90 days depending upon the size and nature of the works. Number of days shall be filled in as per Procuring Agency's requirements.
4. Contents of IB.16.3 to IB.16.8 may be retained or modified by the Procuring Agency in accordance with its requirements.

#### **F. Schedules to Bid**

Specimen of Schedules to Bid including format of Schedule of Prices are provided in this document. The Procuring Agency may add/delete/modify as per its requirement.

The blank spaces wherever shown are required to be filled by the Engineer/Procuring Agency before issuance of Bidding Documents except those required to be provided by the Contractor.

#### **G. Conditions of Contract**

The procuring agency while preparing Contract Data, shall ensure that no Clause of Conditions of Contract is deleted and that the changes included in Contract Data shall be such as not to change the spirit of the document. Any adjustment or change in clauses of Conditions of Contract to meet specific project features shall be made with care and incorporated in Contract Data.

#### **H. Contract Data**

The blank spaces wherever shown are required to be filled by the Engineer/Procuring Agency before issuance of Bidding Documents.

1. Referring to Sub-Clause 1.1.1 of Conditions of Contract, the Engineer/Procuring Agency may add, in order of priority, such other documents as to form part of the Contract, in Sub-Clause 1.3 of the Contract Data.
2. The Procuring Agency's Representative, if any, shall exercise powers of the Procuring Agency under and in connection with Sub-Clauses 1.3, 2.3, 4.2, 4.3, 5.1, 7.3, 8.2, 9.1, 9.2, 10.1, 10.2, 10.5, 11.1, 11.5, 12.1, 13.2 and 14.1 of the Conditions of Contract. In case an Engineer has been appointed by the Procuring Agency, the aforesaid clauses may be modified accordingly by the Procuring Agency.

3. The sum insured for different insurances including minimum amount of third party insurance should be assessed by the Engineer/Procuring Agency and entered in Contract Data. Such insurance cover shall be carried out with Insurance Company having at least AA rating from PACRA / JCR in the favour of the procuring agency.
4. The time for completion of the whole of the works should be assessed by the Engineer/Procuring Agency and entered in the Contract Data.
5. The Conditions of Contract contain no overall limit on the Contractor's liability. The amount of **liquidated damages** per day of delay shall be entered by the Engineer/Procuring Agency in Contract Data. Usually the liquidated damages are set between **0.05 percent and 0.10 percent per day and the maximum limit as 10 percent of contract price stated in the Letter of Acceptance.**
6. Any amendment and/or additions to the Conditions of the Contract that are specific to a given Bid/Contract should be included by the Procuring agency. This may include but not be limited to the provisions regarding the following:
  - a) Terms of Payment should be prepared and incorporated in Contract Data by the Engineer/Procuring Agency.
  - b) The Engineer/Procuring Agency to make sure that all taxes and duties are included by the Bidders/Contractors in their prices.

**I. Specifications**

To be prepared and incorporated by the Engineer/Procuring Agency

**J. Drawings**

To be prepared and incorporated by the Engineer/Procuring Agency, if required.

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## INVITATION FOR BIDS

## INVITATION FOR BIDS

Date: \_\_\_\_\_

Bid Reference No.: \_\_\_\_\_

1. The Procuring Agency, \_\_\_\_\_ [enter name of the procuring agency], invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category( not required for works costing Rs 2.5 million or less) and/or duly pre-qualified(if pre-qualification is done for specific scheme/project) with the Procuring Agency for the Works, \_\_\_\_\_[enter title, type and financial volume of work], which will be completed in \_\_\_\_\_ [enter appropriate time period] days.
2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees \_\_\_\_\_(Insert Amount). Bidders may acquire the Bidding Documents from the Office of the Procuring Agency, at \_\_\_\_\_(Mailing Address).
3. All bids must be accompanied by a Bid Security in the amount of Rs. \_\_\_\_\_(Rupees \_\_\_\_\_) or \_\_\_\_\_percentage of bid price in the form of (pay order / demand draft / bank guarantee) and must be delivered to \_\_\_\_\_(Indicate Address and Exact Location) at or before \_\_\_\_\_ hours, on \_\_\_\_\_(Date). Bids will be opened at \_\_\_\_\_ hours on the same day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

- [Note: 1. Procuring Agency to enter the requisite information in blank spaces.  
2. The bid shall be opened within one hour after the deadline for submission of bids.]

# INSTRUCTIONS TO BIDDERS & BIDDING DATA

## Notes on the Instructions to Bidders

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are not normally included in this Section, but rather in the appropriate sections of the *Conditions of Contract* and/or *Contract Data*.



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## INSTRUCTIONS TO BIDDERS

(Note: *These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed*).

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Procuring Agency as defined in the Bidding Data (hereinafter called “the Procuring Agency”) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as “the Works”).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Procuring Agency has arranged funds from its own sources or *Federal/ Provincial /Donor agency or any other source*, which may be indicated accordingly in bidding data towards the cost of the project/scheme.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

- a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 2.5 million or less shall not require any registration with PEC .

- b) duly pre-qualified with the Procuring Agency. (*Where required*).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

- c) if prequalification has not undertaken , the procuring agency may ask information and documents not limited to following:-
  - (i) company profile;
  - (ii) works of similar nature and size for each performed in last 3/5 years;
  - (iii) construction equipments;
  - (iv) qualification and experience of technical personnel and key site management;

- (v) financial statement of last 3 years;
- (vi) information regarding litigations and abandoned works if any.

### **IB.3 Cost of Bidding**

- 3.1 The bidder shall bear all costs associated with the preparation and submission of its bid and the Procuring Agency will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process (SPP Rules 24 & 25).

## **B. BIDDING DOCUMENTS**

### **IB.4 Contents of Bidding Documents**

- 4.1 In addition to Invitation for Bids, the Bidding Documents are those stated below, and should be read in conjunction with any Addendum issued in accordance with Sub-Clause IB.6.1.

1. Instructions to Bidders & Bidding Data
2. Form of Bid, Qualification Information & Schedules to Bid  
Schedules to Bid comprise the following:
  - (i) Schedule A: Schedule of Prices/ Bill of Quantities (BoQ).
  - (ii) Schedule B: Specific Works Data
  - (iii) Schedule C: Works to be Performed by Subcontractors
  - (iv) Schedule D: Proposed Programme of Works
  - (v) Schedule E: Method of Performing Works
  - (vi) Schedule F: Integrity Pact (works costing Rs 10 million and above)
3. Conditions of Contract & Contract Data
4. Standard Forms:
  - (i) Form of Bid Security,
  - (ii) Form of Performance Security;
  - (iii) Form of Contract Agreement;
  - (iv) Form of Bank Guarantee for Advance Payment.
5. Specifications
6. Drawings, if any

### **IB.5 Clarification of Bidding Documents**

- 5.1 A prospective bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Engineer/Procuring Agency at the Engineer's/ Procuring Agency's address indicated in the Bidding Data.
- 5.2 An interested bidder, who has obtained bidding documents, may request for clarification

of contents of bidding documents in writing and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid (SPP Rule 23-1).

#### **IB.6 Amendment of Bidding Documents (SPP Rules 22(2) & 22).**

- 6.1 At any time prior to the deadline for submission of Bids, the Procuring Agency may, for any reason, whether at his own initiative or in response to a clarification requested by a interested bidder, modify the Bidding Documents by issuing addendum.
- 6.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Sub-Clause 6.1 hereof, and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective bidders shall acknowledge receipt of each addendum in writing to the Procuring Agency.
- 6.3 To afford interested bidders reasonable time in which to take an addendum into account in preparing their Bids, the Procuring Agency may at its discretion extend the deadline for submission of Bids.

### **C. PREPARATION OF BIDS**

#### **IB.7 Language of Bid**

- 7.1 All documents relating to the Bid shall be in the language specified in the Contract Data.

#### **IB.8 Documents Comprising the Bid**

- 8.1 The Bid submitted by the bidder shall comprise the following:
  - (a) Offer /Covering Letter
  - (b) Form of Bid duly filled, signed and sealed, in accordance with IB.14.3.
  - (c) Schedules (A to F) to Bid duly filled and initialed, in accordance with the instructions contained therein & in accordance with IB.14.3.
  - (d) Bid Security furnished in accordance with IB.13.
  - (e) Power of Attorney in accordance with IB 14.5.
  - (f) Documentary evidence in accordance with IB.2(c) & IB.11
  - (g) Documentary evidence in accordance with IB.12.

#### **IB.9 Sufficiency of Bid**

- 9.1 Each bidder shall satisfy himself before Bidding as to the correctness and sufficiency of his Bid and of the premium on the rates of CSR / rates and prices quoted/entered in the Schedule of Prices, which rates and prices shall except in so far as it is otherwise expressly provided in the Contract, cover all his obligations under the Contract and all matters and things necessary for the proper completion of the works.

- 9.2 The bidder is advised to obtain for himself at his own cost and responsibility all information that may be necessary for preparing the bid and entering into a Contract for execution of the Works.

#### **IB.10 Bid Prices, Currency of Bid and Payment**

- 10.1 The bidder shall fill up the Schedule of Prices (Schedule A to Bid) indicating the percentage above or below the Composite Schedule of Rates/unit rates and prices of the Works to be performed under the Contract. Prices in the Schedule of Prices/Bill of Quantities shall be quoted entirely in Pak Rupees keeping in view the instructions contained in the Preamble to Schedule of Prices.
- 10.2 Unless otherwise stipulated in the Conditions of Contract, prices quoted by the bidder shall remain fixed during the bidder's performance of the Contract and not subject to variation on any account.
- 10.3 The unit rates and prices in the Schedule of Prices or percentage above or below on the composite schedule of rates shall be quoted by the bidder in the currency as stipulated in Bidding Data.
- 10.4 Items for which no rate or price is entered by the Bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.

#### **IB.11 Documents Establishing Bidder's Eligibility and Qualifications**

- 11.1 Pursuant to Clause IB.8, the bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.
- 11.2 Bidder must possess and provide evidence of its capability and the experience as stipulated in Bidding Data and the Qualification Criteria mentioned in the Bidding Documents.

#### **IB.12 Documents Establishing Works' Conformity to Bidding Documents**

- 12.1 The documentary evidence of the Works' conformity to the Bidding Documents may be in the form of literature, drawings and data and the bidder shall furnish documentation as set out in Bidding Data.
- 12.2 The bidder shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers, if any, designated by the Procuring Agency in the Technical Provisions are intended to be descriptive only and not restrictive.

### **IB.13 Bid Security**

- 13.1 Each bidder shall furnish, as part of his bid, at the option of the bidder, a Bid Security as percentage of bid price/estimated cost or in the amount stipulated in Bidding Data in Pak. Rupees in the form of *Deposit at Call/ Payee's Order or a Bank Guarantee* issued by a Scheduled Bank in Pakistan in favour of the Procuring Agency valid for a period up to twenty eight (28) days beyond the bid validity date (*Bid security should not be below 1%.and not exceeding 5% of bid price/estimated cost SPP Rule 37*).
- 13.2 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Procuring Agency as non-responsive.
- 13.3 The bid securities of unsuccessful bidders will be returned upon award of contract to the successful bidder or on the expiry of validity of Bid Security whichever is earlier.
- 13.4 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security, and signed the Contract Agreement (SPP Rule 37).
- 13.5 The Bid Security may be forfeited:
  - (a) if a bidder withdraws his bid during the period of bid validity; or
  - (b) if a bidder does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) hereof; or
  - (c) in the case of a successful bidder, if he fails within the specified time limit to:
    - (i) furnish the required Performance Security or
    - (ii) sign the Contract Agreement.

### **IB.14 Validity of Bids, Format, Signing and Submission of Bid**

- 14.1 Bids shall remain valid for the period stipulated in the Bidding Data after the date of bid opening.
- 14.2 In exceptional circumstances, Procuring Agency may request the bidders to extend the period of validity for a additional period but not exceeding 1/3 of the original period. The request and the bidders' responses shall be made in writing or by cable. A Bidder may refuse the request without forfeiting the Bid Security. A Bidder agreeing to the request will not be required or permitted to otherwise modify the Bid, but will be required to extend the validity of Bid Security for the period of the extension, and in compliance with IB.13 in all respects (SPP Rule 38).
- 14.3 All Schedules to Bid are to be properly completed and signed.
- 14.4 No alteration is to be made in the Form of Bid except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the bid may be rejected.

- 14.5 Each bidder shall prepare Original and number of copies specified in the Bidding Data of the documents comprising the bid as described in IB.8 and clearly mark them "ORIGINAL" and "COPY" as appropriate. In the event of discrepancy between them, the original shall prevail.
- 14.6 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign (in the case of copies, Photostats are also acceptable). This shall be indicated by submitting a written Power of Attorney authorising the signatory of the bidder to act for and on behalf of the bidder. All pages of the bid shall be initialed and official seal be affixed by the person or persons signing the bid.
- 14.7 The Bid shall be delivered in person or sent by registered mail at the address to Procuring Agency as given in Bidding Data.

#### **D. SUBMISSION OF BID**

##### **IB.15 Deadline for Submission, Modification & Withdrawal of Bids**

- 15.1 Bids must be received by the Procuring Agency at the address/provided in Bidding Data not later than the time and date stipulated therein.
- 15.2 The inner and outer envelopes shall
- (a) be addressed to the Procuring Agency at the address provided in the Bidding Data;
  - (b) bear the name and identification number of the Contract as defined in the Bidding and Contract Data; and
  - (c) provide a warning not to open before the specified time and date for Bid opening as defined in the Bidding Data.
  - (d) in addition to the identification required in 15.2, the inner envelopes shall indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared late.
  - (e) If the outer envelope is not sealed and marked as above, the Procuring Agency will assume no responsibility for the misplacement or premature opening of the Bid.
- 15.3 Bids submitted through telegraph, telex, fax or e-mail shall not be considered.
- 15.4 Any bid received by the Procuring Agency after the deadline for submission prescribed in Bidding Data will be returned unopened to such bidder.
- 15.5 Any bidder may modify or withdraw his bid after bid submission provided that the modification or written notice of withdrawal is received by the Procuring Agency prior to the deadline for submission of bids.
- 15.6 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security pursuant to IB.13.5 (a).

## E. BID OPENING AND EVALUATION

### IB.16 Bid Opening, Clarification and Evaluation (SPP Rules 41, 42 & 43)

- 16.1 The Procuring Agency will open the bids, in the presence of bidders' representatives who choose to attend, at the time, date and in the place specified in the Bidding Data.
- 16.2 The bidder's name, Bid Prices, any discount, the presence or absence of Bid Security, and such other details as the Procuring Agency at its discretion may consider appropriate, will be announced by the Procuring Agency at the bid opening. The Procuring Agency will record the minutes of the bid opening. Representatives of the bidders who choose to attend shall sign the attendance sheet.

Any Bid Price or discount which is not read out and recorded at bid opening will not be taken into account in the evaluation of bid.

- 16.3 To assist in the examination, evaluation and comparison of Bids the Engineer/Procuring Agency may, at its discretion, ask the bidder for a clarification of its Bid. The request for clarification and the response shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted (SPP Rule 43).
- 16.4 (a) Prior to the detailed evaluation, pursuant to IB.16.7 to 16.9, the Engineer/Procuring Agency will determine the substantial responsiveness of each bid to the Bidding Documents. For purpose of these instructions, a substantially responsive bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviations. It will include determining the requirements listed in Bidding Data.
- (b) Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the Total Bid price entered in Form of Bid and the total shown in Schedule of Prices-Summary, the amount stated in the Form of Bid will be corrected by the Procuring Agency in accordance with the Corrected Schedule of Prices.

If the bidder does not accept the corrected amount of Bid, his Bid will be rejected and his Bid Security forfeited.

- 16.5 A Bid determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the bidder by correction of the non-conformity.
- 16.6 Any minor informality or non-conformity or irregularity in a Bid which does not constitute a material deviation (**major deviation**) may be waived by Procuring Agency,



provided such waiver does not prejudice or affect the relative ranking of any other bidders.

**(A). Major (material) Deviations include:-**

- (i) has been not properly signed;
- (ii) is not accompanied by the bid security of required amount and manner;
- (iii) stipulating price adjustment when fixed price bids were called for;
- (iv) failing to respond to specifications;
- (v) failing to comply with Mile-stones/Critical dates provided in Bidding Documents;
- (vi) sub-contracting contrary to the Conditions of Contract specified in Bidding Documents;
- (vii) refusing to bear important responsibilities and liabilities allocated in the Bidding Documents, such as performance guarantees and insurance coverage;
- (viii) taking exception to critical provisions such as applicable law, taxes and duties and dispute resolution procedures;
- (ix) a material deviation or reservation is one :
  - (a) which affect in any substantial way the scope, quality or performance of the works;
  - (b) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

**(B) Minor Deviations**

Bids that offer deviations acceptable to the Procuring Agency and which can be assigned a monetary value may be considered substantially responsive at least as to the issue of fairness. This value would however be added as an adjustment for evaluation purposes only during the detailed evaluation process.

- 16.7 The Engineer/Procuring Agency will evaluate and compare only the bids previously determined to be substantially responsive pursuant to IB.16.4 to 16.6 as per requirements given hereunder. Bids will be evaluated for complete scope of works. The prices will be compared on the basis of the Evaluated Bid Price pursuant to IB.16.8 herein below.

**Technical Evaluation:** It will be examined in detail whether the works offered by the bidder complies with the Technical Provisions of the Bidding Documents. For this purpose, the bidder's data submitted with the bid in Schedule B to Bid will be compared with technical features/criteria of the works detailed in the Technical Provisions. Other technical information submitted with the bid regarding the Scope of Work will also be reviewed.

16.8 Evaluated Bid Price

In evaluating the bids, the Engineer/Procuring Agency will determine for each bid in addition to the Bid Price, the following factors (adjustments) in the manner and to the extent indicated below to determine the Evaluated Bid Price:

- (i) making any correction for arithmetic errors pursuant to IB.16.4 hereof.

- (ii) discount, if any, offered by the bidders as also read out and recorded at the time of bid opening.
- (iii) excluding **provisional sums** and the provisions for **contingencies** in the Bill of Quantities **if any**, but including **Day work**, where priced competitively.

#### **IB.17 Process to be Confidential**

17.1 Subject to IB.16.3 heretofore, no bidder shall contact Engineer/Procuring Agency on any matter relating to its Bid from the time of the Bid opening to the time the bid evaluation result is announced by the Procuring Agency. The evaluation result shall be announced at least seven (07) days prior to award of Contract (SPP Rule 45). The announcement to all bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated.

17.2 Any effort by a bidder to influence Engineer/Procuring Agency in the Bid evaluation, Bid comparison or Contract Award decisions may result in the rejection of his Bid. Whereas any bidder feeling aggrieved, may lodge a written complaint to Complaint Redressal Committee as per terms and conditions mentioned in SPP Rules 31 & 32. However, mere fact of lodging a complaint shall not warrant suspension of procurement process.

17.3 Bidders may be excluded if involved in "**Corrupt and Fraudulent Practices**" means either one or any combination of the practices given below SPP Rule 2(q);

(i) "**Coercive Practice**" means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;

(ii) "**Collusive Practice**" means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;

(iii) "**Corrupt Practice**" means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;

(iv) "**Fraudulent Practice**" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(v) "**Obstructive Practice**" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules.

## F. AWARD OF CONTRACT

### IB.18. Post Qualification

- 18.1 The Procuring Agency, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in contractor's capacities, may require the contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:

Provided, that such qualification shall only be laid down after recording reasons therefor in writing. They shall form part of the records of that bid evaluation report.

- 18.2 The determination will take into account the bidder's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the bidders' qualifications submitted under B.11, as well as such other information required in the Bidding Documents.

### IB.19 Award Criteria & Procuring Agency's Right

- 19.1 Subject to IB.19.2, the Procuring Agency will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be qualified to satisfactorily perform the Contract in accordance with the provisions of the IB.18.

- 19.2 Notwithstanding IB.19.1, the Procuring Agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for the Procuring Agency's action except that the grounds for its rejection of all bids shall upon request be communicated, to any bidder who submitted a bid, without justification of the grounds. Notice of the rejection of all the bids shall be given promptly to all the bidders (SPP Rule 25).

### IB.20 Notification of Award & Signing of Contract Agreement

- 20.1 Prior to expiration of the period of bid validity prescribed by the Procuring Agency, the Procuring Agency will notify the successful bidder in writing ("Letter of Acceptance") that his bid has been accepted (SPP Rule 49).
- 20.2 Within seven (07) days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Procuring Agency will send the successful bidder the Form of Contract Agreement provided in the Bidding Documents, incorporating all agreements between the parties.
- 20.3 The formal Agreement between the Procuring Agency and the successful bidder duly stamped at rate of ---% of bid price(updated from time to time) stated in Letter of Acceptance shall be executed within seven (07) days of the receipt of Form of Contract Agreement by the successful bidder from the Procuring Agency.

## **IB.21 Performance Security**

- 21.1 The successful bidder shall furnish to the Procuring Agency a Performance Security in the form and the amount stipulated in the Conditions of Contract within a period of fourteen (14) days after the receipt of Letter of Acceptance (SPP 39).
- 21.2 Failure of the successful bidder to comply with the requirements of Sub-Clauses IB.20.2 & 20.3 or 21.1 or Clause IB.22 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.
- 21.3 Publication of Award of Contract: within seven days of the award of contract, the procuring shall publish on the website of the authority and on its own website, if such a website exists, the results of the bidding process, identifying the bid through procurement identifying Number if any and the following information:
- (1) Evaluation Report;
  - (2) Form of Contract and letter of Award;
  - (3) Bill of Quantities or Schedule of Requirements. (SPP Rule 50)

**IB.22 Integrity Pact** The Bidder shall sign and stamp the Form of Integrity Pact provided at Schedule-F to Bid in the Bidding Document for all Sindh Government procurement contracts exceeding Rupees ten (10) million. Failure to provide such Integrity Pact shall make the bid non-responsive (SPP Rule 89).

## BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders

#### Clause Reference

#### 1.1 Name of Procuring Agency

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*(Insert name of the Procuring Agency)*

#### Brief Description of Works

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#### 5.1 (a) Procuring Agency's address:

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*(Insert address of the Procuring Agency with telex/fax)*

#### (b) Engineer's address:

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*(Insert name and address of the Engineer, if any, with telex/fax.)*

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity: *(must have turnover of Rs-----Million);*

ii. Technical capacity: *(mention the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: *(mention the names and number of equipments required for the work).*

- 12.1 (a) A detailed description of the Works, essential technical and performance characteristics.
- (b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

**13.1 Amount of Bid Security**

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*(Fill in lump sum amount or in % age of bid amount /estimated cost, but not below 1% and not exceeding 5%)*

**14.1 Period of Bid Validity**

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*(Fill in "number of days" not exceeding 90)*

**14.4 Number of Copies of the Bid to be submitted:**

One original plus \_\_\_\_\_ copies.

**14.6 (a) Procuring Agency's Address for the Purpose of Bid Submission**

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*(insert postal address or location of bid box for delivery by hand)*

**15.1 Deadline for Submission of Bids**

Time: \_\_\_\_\_ AM/PM on \_\_\_\_\_.

**16.1 Venue, Time, and Date of Bid Opening**

Venue: \_\_\_\_\_

Time: \_\_\_\_\_ Date: \_\_\_\_\_

**16.4 Responsiveness of Bids**

- (i) Bid is valid till required period,

- \*(ii) Bid prices are firm during currency of contract/Price adjustment;
- (iii) Completion period offered is within specified limits,
- (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
- (v) Bid does not deviate from basic technical requirements and
- (vi) Bids are generally in order, etc.

\*Procuring agency can adopt either of two options. (*Select either of them*)

- (a) **Fixed Price contract:** In these contracts no escalation will be provided during currency of the contract and normally period of completion of these works is upto 12 months.
- (b) **Price adjustment contract:** In these contracts escalation will be paid only on those items and in the manner as notified by Finance Department, Government of Sindh, after bid opening during currency of the contract.

## **FORM OF BID AND SCHEDULES TO BID**



**FORM OF BID**  
**(LETTER OF OFFER)**

Bid Reference No. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
*(Name of Works)*

To:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address \_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.
2. We understand that all the Schedules attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.
4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.
5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We undertake, if our Bid is accepted, to execute the Performance Security

referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_  
*(Name of Bidder in Block Capitals)*

*(Seal)*

Address

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

**[SCHEDULES TO BID INCLUDE THE FOLLOWING:**

- Schedule A to Bid: Schedule of Prices
- Schedule B to Bid: Specific Works Data
- Schedule C to Bid: Works to be Performed by Subcontractors
- Schedule D to Bid: Proposed Program of Works
- Schedule E to Bid: Method of Performing Works
- Schedule F to Bid: Integrity Pact]

**SCHEDULE – A TO BID**

**SCHEDULE OF PRICES**

<u>Sr. No.</u>		<u>Page No.</u>
1.	Preamble to Schedule of Prices.....	24
2.	Schedule of Prices.....	26
	* (a) Summary of Bid Prices	
	* (b) Detailed Schedule of Prices /Bill of Quantities (BOQ)	

*\* [To be prepared by the Engineer/Procuring Agency]*

**PREAMBLE TO SCHEDULE OF PRICES**

**1. General**

- 1.1 The Schedule of Prices shall be read in conjunction with the Conditions of Contract, Contract Data together with the Specifications and Drawings, if any.
- 1.2 The Contract shall be for the whole of the works as described in these Bidding Documents. Bids must be for the complete scope of works.

**2. Description**

- 2.1 The general directions and descriptions of works and materials are not necessarily repeated nor summarized in the Schedule of Prices. References to the relevant sections of the Bidding Documents shall be made before entering prices against each item in the Schedule of Prices.

**3. Units & Abbreviations**

- 3.1 Units of measurement, symbols and abbreviations expressed in the Bidding Documents shall comply with the Systeme Internationale d' Unites (SI Units).

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*(Note: The abbreviations to be used in the Schedule of Prices to be defined by the Procuring Agency).*

**4. Rates and Prices**

- 4.1 Except as otherwise expressly provided under the Conditions of Contract, the rates and amounts entered in the Schedule of Prices shall be the rates at which the Contractor shall be paid and shall be the full inclusive value of the works set forth or implied in the Contract; except for the amounts reimbursable, if any to the Contractor under the Contract.
- 4.2 Unless otherwise stipulated in the Contract Data, the premium, rates and prices entered by the bidder shall not be subject to adjustment during the performance of the Contract.
- 4.3 All duties, taxes and other levies payable by the Contractor shall be included in the rates and prices.
- 4.4 The whole cost of complying with the provisions of the Contract shall be included in the items provided in the Schedule of Prices, and where

no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the Works and no separate payment will be made for those items.

The rates, prices and amounts shall be entered against each item in the Schedule of Prices. Any item against which no rate or price is entered by the bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by the rates and prices for other items in the Schedule of Prices.

- 4.5 (a) The bidder shall be deemed to have obtained all information as to and all requirements related thereto which may affect the bid price.
- \*(b) The Contractor shall be responsible to make complete arrangements for the transportation of the Plant to the Site.

*\*(Procuring Agency may modify as appropriate)*

- 4.6 The Contractor shall provide for all parts of the Works to be completed in every respect. Notwithstanding that any details, accessories, etc. required for the complete installation and satisfactory operation of the Works, are not specifically mentioned in the Specifications, such details shall be considered as included in the Contract Price.

## **5. Bid Prices**

- 5.1 **Break-up of Bid Prices**  
The various elements of Bid Prices shall be quoted as detailed by the Procuring Agency in the format of Schedule of Prices.  
The bidder shall recognize such elements of the costs which he expects to incur the performance of the Works and shall include all such costs in the rates and amounts entered in the Schedule of Prices.

- 5.2 **Total Bid Price**  
The total of bid prices in the Schedule of Prices shall be entered in the Summary of Bid Prices.

## **6. Provisional Sums and Day work**

- 6.1 **Provisional Sums** included and so designated in the Schedule of Prices if any, shall be expended in whole or in part at the direction and discretion of the Engineer/Procuring Agency. The Contractor will only receive payment in respect of Provisional Sums, if he has been instructed by the Engineer/Procuring Agency to utilize such sums.
- 6.2 **Day work** rates in the contractor's bid are to be used for small additional amounts of work and only when the Engineer have given written instructions in advance for additional work to be paid for in that way.

SCHEDULE OF PRICES – SUMMARY OF BID PRICES (Sample)

Bill No.	Description	Total Amount (Rs)
	<b>(A) Building Work</b>	
1.	Civil works	
2	Internal sanitary and water supply	
3	Electrification	
4	External Development works	
5	Miscellaneous Items	
	<b>(B) Road Work.</b>	
1.	Earthwork	
2.	Hard Crust and Surface Treatment	
3.	Culverts and Bridges	
4.	Miscellaneous Items	
	<b>(C) Public Health Engineering Works.</b>	
1.	Earthwork	
2.	Subsurface Drains	
3.	Pipe Laying and Man holes	
4.	Tube wells, Pump houses	
5.	Compound wall	
6.	Miscellaneous Items	
	Total Bid Price (The amount to be entered in Paragraph 1 of the Form of Bid) (In words).	

SCHEDULE OF PRICES

Item No.	Description	Quantity	Unit Rate(Rs)	Total Amount (Rs)
1. 2. 3.	<b>I. (Civil works)</b>			
1. 2. 3.	<b>II. Internal sanitary and water supply.</b>			
1. 2. 3.	<b>III. Electrification.</b>			
1. 2. 3.	<b>IV. External Development works.</b>			
1. 2. 3.	<b>V. Miscellaneous Items</b>			
<p><b>Total (to be carried to Summary of Bid Price)</b>  <i>Add/ Deduct the percentage quoted above/below on the prices of items based on Composite Schedule of Rates.</i></p>				



**\*SPECIFIC WORKS DATA**

*(To be prepared and incorporated by the Procuring Agency)*

*\*(Note: The Procuring Agency shall spell out the information & data required to be filled out by the bidder and to furnish complementary information).*

**WORKS TO BE PERFORMED BY SUBCONTRACTORS\***

The bidder will do the work with his own forces except the work listed below which he intends to sub-contract.

Items of Works to be Sub-Contracted	Name and address of Sub-Contractors	Statement of similar works previously executed. ( <i>attach evidence</i> )
-------------------------------------	-------------------------------------	--

**Note:**

- \* *The Procuring Agency should decide whether to allow subcontracting or not. In case Procuring Agency decides to allow subcontracting then following conditions shall be complied with:*
  1. No change of Sub-Contractors shall be made by the bidder without prior approval of the Procuring Agency.
  2. The truthfulness and accuracy of the statement as to the experience of Sub-Contractors is guaranteed by the bidder. The Procuring Agency's judgment shall be final as to the evaluation of the experience of Sub-Contractors submitted by the bidder.
  3. Statement of similar works shall include description, location & value of works, year completed and name & address of the clients.

**PROPOSED PROGRAMME OF WORKS**

Bidder shall provide a programme in a bar-chart or Program Evaluation and Review Technique (PERT) or Critical Path Method (CPM) showing the sequence of work items by which he proposes to complete the works of the entire Contract. The programme should indicate the sequence of work items and the period of time during which he proposes to complete the works including the activities like designing, schedule of submittal of drawings, ordering and procurement of materials, manufacturing, delivering, construction of civil works, erection, testing and commissioning of works to be supplied under the Contract.

**METHOD OF PERFORMING WORKS**

The bidder is required to submit a narrative outlining the method of performing the Works. The narrative should indicate in detail and include but not be limited to:

- The sequence and methods in which he proposes to carry out the Works, including the number of shifts per day and hours per shift, he expects to work.
- A list of all major items of construction and plant erection, tools and vehicles proposed to be used in delivering/carrying out the works at site.
- The procedure for installation of equipment and transportation of equipment and materials to the site.
- Organisation chart indicating head office & field office personnel involved in management, supervision and engineering of the Works to be done under the Contract.

(INTEGRITY PACT)

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_  
Contract Value: \_\_\_\_\_  
Contract Title: \_\_\_\_\_

..... [name of Contractor] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Contractor] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder’s fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from, from Procuring Agency (PA) except that which has been expressly declared pursuant hereto.

[name of Contractor] accepts full responsibility and strict liability that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Contractor] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, [name of Supplier/Contractor/Consultant] agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder’s fee or kickback given by [name of Contractor] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from PA.

.....  
[Procuring Agency]

[Contractor]

## CONDITIONS OF CONTRACT

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### CONDITIONS OF CONTRACT

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## CONDITIONS OF CONTRACT

### 1. GENERAL PROVISIONS

#### 1.1 Definitions

In the Contract as defined below, the words and expressions defined shall have the following meanings assigned to them, except where the context requires otherwise:

##### **The Contract**

- 1.1.1 “Contract” means the Contract Agreement and the other documents listed in the Contract Data.
- 1.1.2 “Specifications” means the document as listed in the Contract Data, including Procuring Agency’s requirements in respect of design to be carried out by the Contractor (if any), and any Variation to such document.
- 1.1.3 “Drawings” means the Procuring Agency’s drawings of the Works as listed in the Contract Data, and any Variation to such drawings.

##### **Persons**

- 1.1.4 “Procuring Agency” means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Contractor) any assignee.
- 1.1.5 “Contractor” means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Procuring Agency) any assignee.
- 1.1.6 “Party” means either the Procuring Agency or the Contractor.

##### **Dates, Times and Periods**

- 1.1.7 “Commencement Date” means the date fourteen (14) days after the date the Contract comes into effect or any other date named in the Contract Data.
- 1.1.8 “Day” means a calendar day
- 1.1.9 “Time for Completion” means the time for completing the Works as stated in the Contract Data (or as extended under Sub-Clause 7.3), calculated from the Commencement Date.

##### **Money and Payments**

- 1.1.10 “Cost” means all expenditure properly incurred (or to be incurred) by the Contractor, whether on or off the Site, including overheads and similar charges but



does not include any allowance for profit.

### **Other Definitions**

- 1.1.11 “Contractor’s Equipment” means all machinery, apparatus and other things required for the execution of the Works but does not include Materials or Plant intended to form part of the Works.
- 1.1.12 “Country” means the Islamic Republic of Pakistan.
- 1.1.13 “Procuring Agency’s Risks” means those matters listed in Sub-Clause 6.1.
- 1.1.14 “Force Majeure” means an event or circumstance which makes performance of a Party’s obligations illegal or impracticable and which is beyond that Party’s reasonable control.
- 1.1.15 “Materials” means things of all kinds (other than Plant) to be supplied and incorporated in the Works by the Contractor.
- 1.1.16 “Plant” means the machinery and apparatus intended to form or forming part of the Works.
- 1.1.17 “Site” means the places provided by the Procuring Agency where the Works are to be executed, and any other places specified in the Contract as forming part of the Site.
- 1.1.18 “Variation” means a change which is instructed by the Engineer/Procuring Agency under Sub-Clause 10.1.
- 1.1.19 “Works” means any or all the works whether Supply, Installation, Construction etc. and design (if any) to be performed by the Contractor including temporary works and any variation thereof.
- 1.1.20 “Engineer” means the person notified by the Procuring Agency to act as Engineer for the purpose of the Contract and named as such in Contract Data.

### **1.2 Interpretation**

Words importing persons or parties shall include firms and organisations. Words importing singular or one gender shall include plural or the other gender where the context requires.

### **1.3 Priority of Documents**

The documents forming the Contract are to be taken as mutually explanatory of one another. If an ambiguity or discrepancy is found in the documents, the priority of the documents shall be in accordance with the order as listed in the Contract Data.

1.4 **Law**

The law of the Contract is the relevant Law of Islamic Republic of Pakistan.

1.5 **Communications**

All Communications related to the Contract shall be in English language.

1.6 **Statutory Obligations**

The Contractor shall comply with the Laws of Islamic Republic of Pakistan and shall give all notices and pay all fees and other charges in respect of the Works.

2. **THE PROCURING AGENCY**

2.1 **Provision of Site**

The Procuring Agency shall provide the Site and right of access thereto at the times stated in the Contract Data.

**Site Investigation Reports** are those that were included in the bidding documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.

2.2 **Permits etc.**

The Procuring Agency shall, if requested by the Contractor, assist him in applying for permits, licences or approvals which are required for the Works.

2.3 **Engineer's/Procuring Agency's Instructions**

The Contractor shall comply with all instructions given by the Procuring Agency or the Engineer, if notified by the Procuring Agency, in respect of the Works including the suspension of all or part of the works.

2.4 **Approvals**

No approval or consent or absence of comment by the Engineer/Procuring Agency shall affect the Contractor's obligations.

3. **ENGINEER'S/PROCURING AGENCY'S REPRESENTATIVES**

3.1 **Authorised Person**

The Procuring Agency shall appoint a duly authorized person to act for him and on his behalf for the purposes of this Contract. Such authorized person shall be duly identified in the Contract Data or otherwise notified in writing to the Contractor as soon as he is so appointed. In either case the Procuring Agency shall notify the Contractor, in writing, the precise scope of the authority of such authorized person at the time of his appointment.

### **3.2 Engineer's/Procuring Agency's Representative**

The name and address of Engineer's/Procuring Agency's Representative is given in Contract Data. However the Contractor shall be notified by the Engineer/Procuring Agency, the delegated duties and authority before the Commencement of works.

## **4. THE CONTRACTOR**

### **4.1 General Obligations**

The Contractor shall carry out the works properly and in accordance with the Contract. The Contractor shall provide all supervision, labour, Materials, Plant and Contractor's Equipment which may be required

### **4.2 Contractor's Representative**

The Contractor shall appoint a representative at site on full time basis to supervise the execution of work and to receive instructions on behalf of the Contractor but only after obtaining the consent of the Procuring Agency for such appointment which consent shall not be withheld without plausible reason(s) by the Procuring Agency. Such authorized representative may be substituted/ replaced by the Contractor at any time during the Contract Period but only after obtaining the consent of the Procuring Agency as aforesaid.

### **4.3 Subcontracting**

The Contractor shall not subcontract the whole of the works. The Contractor shall not subcontract any part of the works without the consent of the Procuring Agency.

### **4.4 Performance Security**

The Contractor shall furnish to the Procuring Agency within fourteen (14) days after receipt of Letter of Acceptance a Performance Security at the option of the bidder, in the form of Payee's order /Bank Draft or Bank Guarantee from scheduled bank for the amount and validity specified in Contract Data.

## **5. DESIGN BY CONTRACTOR**

### **5.1 Contractor's Design**

The Contractor shall carry out design to the extent specified, as referred to in the Contract Data. The Contractor shall promptly submit to the Engineer/Procuring Agency all designs prepared by him, within fourteen (14) days of receipt the Engineer/Procuring Agency shall notify any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons. The

Contractor shall not construct any element of the works designed by him within fourteen (14) days after the design has been submitted to the Engineer/Procuring Agency or which has been rejected. Design that has been rejected shall be promptly amended and resubmitted. The Contractor shall resubmit all designs commented on taking these comments into account as necessary.

## 5.2 **Responsibility for Design**

The Contractor shall remain responsible for his bided design and the design under this Clause, both of which shall be fit for the intended purposes defined in the Contract and he shall also remain responsible for any infringement of any patent or copyright in respect of the same. The Engineer/Procuring Agency shall be responsible for the Specifications and Drawings.

## 6. **PROCURING AGENCY'S RISKS**

### 6.1 **The Procuring Agency's Risks**

The Procuring Agency's Risks are:-

- a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies, within the Country;
- b) rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war, within the Country;
- c) riot, commotion or disorder by persons other than the Contractor's personnel and other employees including the personnel and employees of Sub-Contractors, affecting the Site and/or the Works;
- d) ionising radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such an assembly, except to the extent to which the Contractor/Sub-Contractors may be responsible for the use of any radio-active material;
- e) Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds;
- f) use or occupation by the Procuring Agency of any part of the Works, except as may be specified in the Contract;
- g) late handing over of sites, anomalies in drawings, late delivery of designs and drawings of any part of the Works by the Procuring Agency's personnel or by others for whom the Procuring Agency is responsible;
- h) a suspension under Sub-Clause 2.3 unless it is attributable to the Contractor's failure; and

- i) physical obstructions or physical conditions other than climatic conditions, encountered on the Site during the performance of the Works, for which the Contractor immediately notified to the Procuring Agency and accepted by the Procuring Agency.

## 7. TIME FOR COMPLETION

### 7.1 Execution of the Works

The Contractor shall commence the Works on the Commencement Date and shall proceed expeditiously and without delay and shall complete the Works, subject to Sub-Clause 7.3 below, within the Time for Completion.

### 7.2 Programme

Within the time stated in the Contract Data, the Contractor shall submit to the Engineer/Procuring Agency a programme for the Works in the form stated in the Contract Data.

### 7.3 Extension of Time

The Contractor shall, within such time as may be reasonable under the circumstances, notify the Procuring Agency/Engineer of any event(s) falling within the scope of Sub-Clause 6.1 or 10.3 of these Conditions of Contract and request the Procuring Agency/Engineer for a reasonable extension in the time for the completion of works. Subject to the aforesaid, the Procuring Agency/Engineer shall determine such reasonable extension in the time for the completion of works as may be justified in the light of the details/particulars supplied by the Contractor in connection with the such determination by the Procuring Agency/Engineer within such period as may be prescribed by the Procuring Agency/Engineer for the same; and the Procuring Agency may extend the time for completion as determined.

### 7.4 Late Completion

If the Contractor fails to complete the Works within the Time for Completion, the Contractor's only liability to the Procuring Agency for such failure shall be to pay the amount as **liquidity damages** stated in the Contract Data for each day for which he fails to complete the Works.

## 8. TAKING-OVER

### 8.1 Completion

The Contractor may notify the Engineer/Procuring Agency when he considers that the Works are complete.

## **8.2 Taking-Over Notice**

Within fourteen (14) days of the receipt of the said notice of completion from the Contractor the Procuring Agency/Engineer shall either takeover the completed works and issue a Certificate of Completion to that effect or shall notify the Contractor his reasons for not taking-over the works. While issuing the Certificate of Completion as aforesaid, the Procuring Agency/Engineer may identify any outstanding items of work which the Contractor shall undertake during the Maintenance Period.

## **9. REMEDYING DEFECTS**

### **9.1 Remedying Defects**

The Contractor shall for a period stated in the Contract Data from the date of issue of the Certificate of Completion carry out, at no cost to the Procuring Agency, repair and rectification work which is necessitated by the earlier execution of poor quality of work or use of below specifications material in the execution of Works and which is so identified by the Procuring Agency/Engineer in writing within the said period. Upon expiry of the said period, and subject to the Contractor's faithfully performing his aforesaid obligations, the Procuring Agency/Engineer shall issue a Maintenance Certificate whereupon all obligations of the Contractor under this Contract shall come to an end.

Failure to remedy any such defects or complete outstanding work within a reasonable time shall entitle the Procuring Agency to carry out all necessary works at the Contractor's cost. However, the cost of remedying defects not attributable to the Contractor shall be valued as a Variation.

### **9.2 Uncovering and Testing**

The Engineer/Procuring Agency may give instruction as to the uncovering and/or testing of any work. Unless as a result of an uncovering and/or testing it is established that the Contractor's design, materials, plant or workmanship are not in accordance with the Contract, the Contractor shall be paid for such uncovering and/or testing as a Variation in accordance with Sub-Clause 10.2.

## **10. VARIATIONS AND CLAIMS**

### **10.1 Right to Vary**

The Procuring Agency/Engineer may issue Variation Order(s) in writing. Where for any reason it has not been possible for the Procuring Agency/Engineer to issue such Variations Order(s), the Contractor may confirm any verbal orders given by the Procuring Agency/Engineer in writing and if the same are not refuted/denied by the Procuring Agency/Engineer within ten (10) days of the receipt of such confirmation the same shall be deemed to be a Variation Orders for the purposes of this Sub-Clause.

## 10.2 Valuation of Variations

Variations shall be valued as follows:

- a) at a lump sum price agreed between the Parties, or
- b) where appropriate, at rates in the Contract, or
- c) in the absence of appropriate rates, the rates in the Contract shall be used as the basis for valuation, or failing which
- d) at appropriate new rates, as may be agreed or which the Engineer/Procuring Agency considers appropriate, or
- e) if the Engineer/Procuring Agency so instructs, at day work rates set out in the Contract Data for which the Contractor shall keep records of hours of labour and Contractor's Equipment, and of Materials, used.

## 10.3 Changes in the Quantities.

- a) If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Procuring Agency/Engineer shall adjust the rate to allow for the change and will be valued as per sub clause 10.2.
- b) The Engineer shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Procuring Agency.
- c) If requested by the Engineer, the contractor shall provide the Engineer with a detailed cost breakdown of any rate in the Bill of Quantities.

## 10.4 Early Warning

The Contractor shall notify the Engineer/Procuring Agency in writing as soon as he is aware of any circumstance which may delay or disrupt the Works, or which may give rise to a claim for additional payment.

To the extent of the Contractor's failure to notify, which results to the Engineer/Procuring Agency being unable to keep all relevant records or not taking steps to minimise any delay, disruption, or Cost, or the value of any Variation, the Contractor's entitlement to extension of the Time for Completion or additional payment shall be reduced/rejected.

## 10.5 Valuation of Claims

If the Contractor incurs Cost as a result of any of the Procuring Agency's Risks, the Contractor shall be entitled to the amount of such Cost. If as a result of any

Procuring Agency's Risk, it is necessary to change the Works, this shall be dealt with as a Variation subject to Contractor's notification for intention of claim to the Engineer/Procuring Agency within fourteen (14) days of the occurrence of cause.

#### 10.6 **Variation and Claim Procedure**

The Contractor shall submit to the Engineer/Procuring Agency an itemised detailed breakdown of the value of variations and claims within twenty eight (28) days of the instruction or of the event giving rise to the claim. The Engineer/Procuring Agency shall check and if possible agree the value. In the absence of agreement, the Procuring Agency shall determine the value.

### 11. **CONTRACT PRICE AND PAYMENT**

#### 11.1 (a) **Terms of Payments**

The amount due to the Contractor under any Interim Payment Certificate issued by the Engineer pursuant to this Clause, or to any other terms of the Contract, shall, subject to Clause 11.3, be paid by the Procuring Agency to the Contractor within 30 days after such Interim Payment Certificate has been jointly verified by Procuring Agency and Contractor, or, in the case of the Final Certificate referred to in Sub Clause 11.5, within 60 days after such Final Payment Certificate has been jointly verified by Procuring Agency and Contractor;

Provided that the Interim Payment shall be caused in thirty (30) days and Final Payment in 60 days in case of foreign funded project. In the event of the failure of the Procuring Agency to make payment within 90 days then Procuring Agency shall pay to the Contractor compensation at the 28 days rate of KIBOR+2% per annum in local currency and LIBOR+1% for foreign currency, upon all sums unpaid from the date by which the same should have been paid.

#### (b) **Valuation of the Works**

The Works shall be valued as provided for in the Contract Data, subject to Clause 10.

#### 11.2 **Monthly Statements**

The Contractor shall be entitled to be paid at monthly intervals:

- a) the value of the Works executed less to the cumulative amount paid previously; and
- b) value of secured advance on the materials and valuation of variations (if any).

The Contractor shall submit each month to the Engineer/Procuring Agency a statement showing the amounts to which he considers himself entitled.



### 11.3 **Interim Payments**

Within a period not exceeding seven (07) days from the date of submission of a statement for interim payment by the Contractor, the Engineer shall verify the same and within a period not exceeding thirty (30/60) days from the said date of submission by the Contractor, the Procuring Agency shall pay to the Contractor the sum subject to adjustment for deduction of the advance payments and retention money.

### 11.4 **Retention**

Retention money shall be paid by the Procuring Agency to the Contractor within fourteen (14) days after either the expiry of the period stated in the Contract Data, or the remedying of notified defects, or the completion of outstanding work, all as referred to in Sub-Clause 9.1, whichever is the later.

### 11.5 **Final Payment**

Within twenty one (21) days from the date of issuance of the Maintenance Certificate the Contractor shall submit a final account to the Engineer to verify and the Engineer shall verify the same within fourteen (14) days from the date of submission and forward the same to the Procuring Agency together with any documentation reasonably required to enable the Procuring Agency to ascertain the final contract value.

Within sixty (60) days from the date of receipt of the verified final account from the Engineer, the Procuring Agency shall pay to the Contractor any amount due to the Contractor. While making such payment the Procuring Agency may, for reasons to be given to the Contractor in writing, withhold any part or parts of the verified amount.

### 11.6 **Currency**

Payment shall be in the currency stated in the Contract Data.

## 12. **DEFAULT**

### 12.1 **Defaults by Contractor**

If the Contractor abandons the Works, refuses or fails to comply with a valid instruction of the Engineer/Procuring Agency or fails to proceed expeditiously and without delay, or is, despite a written complaint, in breach of the Contract, the Procuring Agency may give notice referring to this Sub-Clause and stating the default.

If the Contractor has not taken all practicable steps to remedy the default within fourteen (14) days after receipt of the Procuring Agency's notice, the Procuring Agency may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilize from the Site leaving behind any Contractor's Equipment which the Procuring Agency instructs, in the second notice, to be used for the completion of the Works at the risk and cost of the Contractor.

## 12.2 Defaults by Procuring Agency

If the Procuring Agency fails to pay in accordance with the Contract, or is, despite a written complaint, in breach of the Contract, the Contractor may give notice referring to this Sub-Clause and stating the default. If the default is not remedied within fourteen (14) days after the Procuring Agency's receipt of this notice, the Contractor may suspend the execution of all or parts of the Works.

If the default is not remedied within twenty eight (28) days after the Procuring Agency's receipt of the Contractor's notice, the Contractor may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilise from the Site.

## 12.3 Insolvency

If a Party is declared insolvent under any applicable law, the other Party may by notice terminate the Contract immediately. The Contractor shall then demobilise from the site leaving behind, in the case of the Contractor's insolvency, any Contractor's Equipment which the Procuring Agency instructs in the notice is to be used for the completion of the Works.

## 12.4 Payment upon Termination

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the works executed and of the Materials and Plant reasonably delivered to the site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) any sums to which the Procuring Agency is entitled,
- c) if the Procuring Agency has terminated under Sub-Clause 12.1 or 12.3, the Procuring Agency shall be entitled to a sum equivalent to twenty percent (20%) of the value of parts of the Works not executed at the date of the termination, and
- d) if the Contractor has terminated under Sub-Clause 12.2 or 12.3, the Contractor shall be entitled to the cost of his demobilisation together with a sum equivalent to ten percent (10%) of the value of parts of the works not executed at the date of termination.

The net balance due shall be paid or repaid within twenty eight (28) days of the notice of termination.

## 13. RISKS AND RESPONSIBILITIES

### 13.1 Contractor's Care of the Works

Subject to Sub-Clause 9.1, the Contractor shall take full responsibility for the care

of the Works from the Commencement Date until the date of the Procuring Agency's/Engineer's issuance of Certificate of Completion under Sub-Clause 8.2. Responsibility shall then pass to the Procuring Agency. If any loss or damage happens to the Works during the above period, the Contractor shall rectify such loss or damage so that the Works conform with the Contract.

Unless the loss or damage happens as a result of any of the Procuring Agency's Risks, the Contractor shall indemnify the Procuring Agency, or his agents against all claims loss, damage and expense arising out of the Works.

### 13.2 **Force Majeure**

If Force Majeure occurs, the Contractor shall notify the Engineer/Procuring Agency immediately. If necessary, the Contractor may suspend the execution of the Works and, to the extent agreed with the Procuring Agency demobilize the Contractor's Equipment.

If the event continues for a period of eighty four (84) days, either Party may then give notice of termination which shall take effect twenty eight (28) days after the giving of the notice.

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed and of the Materials and Plant reasonably delivered to the Site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) the cost of his demobilization, and
- c) less any sums to which the Procuring Agency is entitled.

The net balance due shall be paid or repaid within thirty five (35) days of the notice of termination.

## 14. **INSURANCE**

### 14.1 **Arrangements**

The Contractor shall, prior to commencing the Works, effect insurances of the types, in the amounts and naming as insured the persons stipulated in the Contract Data except for items (a) to (e) and (i) of the Procuring Agency's Risks under Sub-Clause 6.1. The policies shall be issued by insurers and in terms approved by the Procuring Agency. The Contractor shall provide the Engineer/Procuring Agency with evidence that any required policy is in force and that the premiums have been paid.

### 14.2 **Default**

If the Contractor fails to effect or keep in force any of the insurances referred to in the previous Sub-Clause, or fails to provide satisfactory evidence, policies or receipts, the Procuring Agency may, without prejudice to any other right or

remedy, effect insurance for the cover relevant to such as a default and pay the premiums due and recover the same plus a sum in percentage given in Contractor Data from any other amounts due to the Contractor.

## **15. RESOLUTION OF DISPUTES**

### **15.1 Engineer's Decision**

If a dispute of any kind whatsoever arises between the Procuring Agency and the Contractor in connection with the works, the matter in dispute shall, in the first place, be referred in writing to the Engineer, with a copy to the other party. Such reference shall state that it is made pursuant to this Clause. No later than the twenty eight (28) days after the day on which he received such reference, the Engineer shall give notice of his decision to the Procuring Agency (Superintending Engineer) and the Contractor.

Unless the Contract has already been repudiated or terminated, the Contractor shall, in every case, continue to proceed with the work with all due diligence, and the Contractor and the Procuring Agency (Superintending Engineer) shall give effect forthwith to every such decision of the Engineer unless and until the same shall be revised, as hereinafter provided in an arbitral award.

### **15.2 Notice of Dissatisfaction**

If a Party is dissatisfied with the decision of the Engineer of consultant or if no decision is given within the time set out in Sub-Clause 15.1 here above, the Party may give notice of dissatisfaction referring to this Sub-Clause within fourteen (14) days of receipt of the decision or the expiry of the time for the decision. If no notice of dissatisfaction is given within the specified time, the decision shall be final and binding on the Parties. If notice of dissatisfaction is given within the specified time, the decision shall be binding on the Parties who shall give effect to it without delay unless and until the decision of the Engineer is revised by an arbitrator.

If a contractor is dissatisfied with the decision of the Engineer of the department or decision is not given in time then he can approach Superintending Engineer within 14 days, in case of dissatisfaction with decision of Superintending Engineer or not decided within 28 days, then arbitration process would be adopted as per clause 15.3.

### **15.3 Arbitration**

A dispute which has been the subject of a notice of dissatisfaction shall be finally settled as per provisions of Arbitration Act 1940 (Act No. X of 1940) and Rules made there under and any statutory modifications thereto. Any hearing shall be held at the place specified in the Contract Data and in the language referred to in Sub-Clause 1.5.

16.1 If the Contractor or any of his Sub-Contractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Schedule-F to his Bid, then the Procuring Agency shall be entitled to:

- (a) recover from the Contractor an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Contractor or any of his Sub-Contractors, agents or servants;
- (b) terminate the Contract; and
- (c) recover from the Contractor any loss or damage to the Procuring Agency as a result of such termination or of any other corrupt business practices of the Contractor or any of his Sub-Contractors, agents or servants.

On termination of the Contract under Sub-Para (b) of this Sub-Clause, the Contractor shall demobilize from the site leaving behind Contractor's Equipment which the Procuring Agency instructs, in the termination notice, to be used for the completion of the works at the risk and cost of the Contractor. Payment upon such termination shall be made under Sub-Clause 12.4, in accordance with Sub-Para (c) thereof, after having deducted the amounts due to the Procuring Agency under Sub-Para (a) and (c) of this Sub-Clause.

## CONTRACT DATA

*(Note: Except where otherwise indicated, all Contract Data should be filled in by the Procuring Agency prior to issuance of the Bidding Documents.)*

### **Sub-Clauses of Conditions of Contract**

1.1.3 Procuring Agency's Drawings, if any  
*(To be listed by the Procuring Agency)*

1.1.4 **The Procuring Agency** means

\_\_\_\_\_

\_\_\_\_\_

1.1.5 **The Contractor** means

\_\_\_\_\_

\_\_\_\_\_

1.1.7 **Commencement Date** means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1.9 **Time for Completion** \_\_\_\_\_ days

*(The time for completion of the whole of the Works should be assessed by the Procuring Agency)*

1.1.20 **Engineer (mention the name along with the designation including whether he belongs to department or consultant) and other details**

\_\_\_\_\_

\_\_\_\_\_

1.3 **Documents forming the Contract listed in the order of priority:**

- (a) The Contract Agreement
- (b) Letter of Acceptance
- (c) The completed Form of Bid
- (d) Contract Data
- (e) Conditions of Contract
- (f) The completed Schedules to Bid including Schedule of Prices
- (g) The Drawings, if any
- (h) The Specifications
- (i) \_\_\_\_\_
- (j) \_\_\_\_\_

*(The Procuring Agency may add, in order of priority, such other documents as form part of the Contract. Delete the document, if not applicable)*

2.1 **Provision of Site:** On the Commencement Date

3.1 **Authorized person:** \_\_\_\_\_

3.2 **Name and address of Engineer's/Procuring Agency's representative**

\_\_\_\_\_

4.4 **Performance Security:**

Amount \_\_\_\_\_

Validity \_\_\_\_\_

*(Form: As provided under Standard Forms of these Documents)*

5.1 **Requirements for Contractor's design (if any):**

Specification Clause No's \_\_\_\_\_

7.2 **Programme:**

**Time for submission:** Within fourteen (14) days\* of the Commencement Date.

**Form of programme:** \_\_\_\_\_ *(Bar Chart/CPM/PERT or other)*

7.4 Amount payable due to failure to complete shall be \_\_\_% per day up to a maximum of (10%) of sum stated in the Letter of Acceptance

*(Usually the liquidated damages are set between 0.05 percent and 0.10 percent per day.)*

7.5 **Early Completion**

In case of earlier completion of the Work, the Contractor is entitled to be paid bonus up-to limit and at a rate equivalent to 50% of the relevant limit and rate of liquidated damages stated in the contract data.

9.1 **Period for remedying defects**

\_\_\_\_\_  
\_\_\_\_\_

10.2 (e) **Variation procedures:**

Day work rates \_\_\_\_\_  
\_\_\_\_\_ (details)

11.1 **Terms of Payments**

**a) Mobilization Advance**

(1) Mobilization Advance up to 10 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Procuring Agency to the Contractor on the works costing Rs.2.5 million or above on following conditions:

- (i) on submission by the Contractor of a Mobilization Advance Guarantee for the full amount of the Advance in the specified form from a Scheduled Bank in Pakistan to the Procuring Agency;
- (ii) Contractor will pay interest on the mobilization advance at the rate of 10% per annum on the advance; and
- (iii) This Advance including the interest shall be recovered in 5 equal installments from the five (05) R.A bills and in case the number of bills is less than five (05) then 1/5<sup>th</sup> of the advance **inclusive of the interest** thereon shall be recovered from each bill and the balance together with interest be recovered from the final bill. It may be insured that there is sufficient amount in the final bill to enable recovery of the Mobilization Advance.

OR

2) **Secured Advance on Materials**

- (a) The Contractor shall be entitled to receive from the Procuring Agency Secured Advance against an INDENTURE BOND in P W Account Form No. 31(Fin. R. Form No. 2 acceptable to the Procuring Agency of such sum as the Engineer may consider proper in respect of non-perishable materials brought at the Site but not yet incorporated in the Permanent Works provided that:
  - (i) The materials are in accordance with the Specifications for the Permanent Works;
  - (ii) Such materials have been delivered to the Site and are properly stored and protected against loss or damage or deterioration to the satisfaction and verification of the Engineer but at the risk and cost of the Contractor;
  - (iii) The Contractor's records of the requirements, orders, receipts and use of materials are kept in a form approved by the Engineer, and such records shall be available for inspection by the Engineer;
  - (iv) The Contractor shall submit with his monthly statement the estimated value of the materials on Site together with such documents as may be required by the Engineer for the purpose of valuation of materials and providing evidence of ownership and payment therefore;
  - (v) Ownership of such materials shall be deemed to vest in the Procuring Agency and these materials shall not be removed from the Site or otherwise disposed of without written permission of the Procuring Agency;
  - (vi) The sum payable for such materials on Site shall not exceed 75 % of the (i) landed cost of imported materials, or (ii) ex-factory / ex-warehouse price of locally manufactured or produced materials, or (iii) market price of stands other materials;



- (vii) Secured Advance should not be allowed unless &until the previous advance, if an, fully recovered;
  - (viii) Detailed account of advances must be kept in part II of running account bill; and
  - (ix) Secured Advance may be permitted only against materials/quantities anticipated to be consumed / utilized on the work within a period of 3 months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract
- (b) Recovery of Secured Advance:
- (i) Secured Advance paid to the Contractor under the above provisions shall be effected from the monthly payments on actual consumption basis, but not later than period specified in the rules not more than three months (even if unutilized); other conditions.
  - (ii) As recoveries are made the outstanding accounts of the items concerned in Part II should be reduced b making deduction entries in the column; “deduct quantity utilized in work measured since previous bill,” equivalent to the quantities of materials used by the contractor on items of work shown as executed in part I of the bill.
- (c) Interim payments: The Contractor shall submit to the Engineer monthly statements of the estimated value of the work completed less the cumulative amount certified previously.
- (i) The value of work completed comprises the value of the quantities of the items in the Bill of Quantities completed.
  - (ii) value of secured advance on the materials and valuation of variations (if any).
  - (iii) Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
  - (v) Retention money and other advances are to be recovered from the bill submitted by contractor.
- 11.2 \*(a) **Valuation of the Works:**
- i) Lump sum price \_\_\_\_\_ (details), or
  - ii) Lump sum price with schedules of rates \_\_\_\_\_ (details), or
  - iii) Lump sum price with bill of quantities \_\_\_\_\_ (details), or
  - iv) Re-measurement with estimated/bid quantities in the Schedule of Prices or on premium above or below quoted on the rates mentioned in CSR \_\_\_\_\_ (details), or/and
  - v) Cost reimbursable \_\_\_\_\_ (details)

11.3 **Percentage of retention\*:** *five (5%)*

11.6 **Currency of payment:** Pak. Rupees

14.1 **Insurances:** *(Procuring Agency may decide, keeping in view the nature and the scope of the work)*

**Type of cover**

The Works

**Amount of cover**

The sum stated in the Letter of Acceptance plus fifteen percent (15%)

**Type of cover**

Contractor's Equipment:

**Amount of cover**

Full replacement cost

**Type of cover**

Third Party-injury to persons and damage to property

\_\_\_\_\_

*(The minimum amount of third party insurance should be assessed by the Procuring Agency and entered).*

Workers:

\_\_\_\_\_

\_\_\_\_\_

Other cover\*:

\_\_\_\_\_

*(In each case name of insured is Contractor and Procuring Agency)*

14.2 **Amount to be recovered**

Premium plus \_\_\_\_\_ percent (\_\_\_\_%).

15.3 **Arbitration\*\***

Place of Arbitration: \_\_\_\_\_

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\* *(Procuring Agency to specify as appropriate)*

\*\* *(It has to be in the Province of Sindh)*

## STANDARD FORMS

*(Note: Standard Forms provided in this document for securities are to be issued by a bank. In case the bidder chooses to issue a bond for accompanying his bid or performance of contract or receipt of advance, the relevant format shall be tailored accordingly without changing the spirit of the Forms of securities).*

**FORM OF BID SECURITY**  
(Bank Guarantee)

Guarantee No. \_\_\_\_\_  
Executed on \_\_\_\_\_

(Letter by the Guarantor to the Procuring Agency)

Name of Guarantor (Scheduled Bank in Pakistan) with  
address: \_\_\_\_\_

Name of Principal (Bidder) with  
address: \_\_\_\_\_

Sum of Security (express in words and  
figures): \_\_\_\_\_

Bid Reference No. \_\_\_\_\_ Date of Bid \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal, we the Guarantor above-named are held and firmly bound unto the \_\_\_\_\_, (hereinafter called The "Procuring Agency") in the sum stated above, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the accompanying Bid numbered and dated as above for \_\_\_\_\_ (Particulars of Bid) to the said Procuring Agency; and

WHEREAS, the Procuring Agency has required as a condition for considering the said Bid that the Principal furnishes a Bid Security in the above said sum to the Procuring Agency, conditioned as under:

- (1) that the Bid Security shall remain valid for a period of twenty eight (28) days beyond the period of validity of the bid;
- (2) that in the event of;
  - (a) the Principal withdraws his Bid during the period of validity of Bid, or
  - (b) the Principal does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) of Instructions to Bidders, or
  - (c) failure of the successful bidder to
    - (i) furnish the required Performance Security, in accordance with Sub-Clause IB-21.1 of Instructions to Bidders, or
    - (ii) sign the proposed Contract Agreement, in accordance with Sub-Clauses IB-20.2 & 20.3 of Instructions to Bidders,

the entire sum be paid immediately to the said Procuring Agency for delayed completion and not as penalty for the successful bidder's failure to perform.

NOW THEREFORE, if the successful bidder shall, within the period specified therefore, on the prescribed form presented to him for signature enter into a formal Contract Agreement with the said Procuring Agency in accordance with his Bid as accepted and furnish within fourteen (14) days of receipt of Letter of Acceptance, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said Procuring Agency for the faithful performance and proper fulfilment of the said Contract or in the event of non-withdrawal of the said Bid within the time specified then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Guarantor shall forthwith pay to the Procuring Agency the said sum stated above upon first written demand of the Procuring Agency without cavil or argument and without requiring the Procuring Agency to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Procuring Agency by registered post duly addressed to the Guarantor at its address given above.

PROVIDED ALSO THAT the Procuring Agency shall be the sole and final judge for deciding whether the Principal has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Guarantor shall pay without objection the sum stated above upon first written demand from the Procuring Agency forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed the instrument under its seal on the date indicated above, the name and seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

\_\_\_\_\_  
Guarantor (Bank)

Witness:

1. Signature \_\_\_\_\_

1. \_\_\_\_\_

2. Name \_\_\_\_\_

\_\_\_\_\_  
Corporate Secretary (Seal)

3. Title \_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_  
(Name, Title & Address)

Corporate Guarantor (Seal)

**FORM OF PERFORMANCE SECURITY  
(Bank Guarantee)**

Guarantee No. \_\_\_\_\_  
Executed on \_\_\_\_\_  
Expiry Date \_\_\_\_\_

(Letter by the Guarantor to the Procuring Agency)

Name of Guarantor (Scheduled Bank in Pakistan) with

address: \_\_\_\_\_

Name of Principal (Contractor) with

address: \_\_\_\_\_

Penal Sum of Security (express in words and figures) \_\_\_\_\_

Letter of Acceptance No. \_\_\_\_\_ Dated \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the \_\_\_\_\_ (hereinafter called the Procuring Agency) in the penal sum of the amount stated above, for the payment of which sum well and truly to be made to the said Procuring Agency, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the Procuring Agency's above said Letter of Acceptance for \_\_\_\_\_ (Name of Contract) for the \_\_\_\_\_ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Procuring Agency, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of the said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 9, Remedying Defects, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall

be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, \_\_\_\_\_ (the Guarantor), waiving all objections and defenses under the Contract, do hereby irrevocably and independently guarantee to pay to the Procuring Agency without delay upon the Procuring Agency's first written demand without cavil or arguments and without requiring the Procuring Agency to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Procuring Agency's written declaration that the Principal has refused or failed to perform the obligations under the Contract, for which payment will be effected by the Guarantor to Procuring Agency's designated Bank & Account Number.

PROVIDED ALSO THAT the Procuring Agency shall be the sole and final judge for deciding whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Procuring Agency forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

	_____ Guarantor (Bank)
Witness:	
1. _____	1. Signature _____
_____	2. Name _____
Corporate Secretary (Seal)	3. Title _____
2. _____	
_____	_____
(Name, Title & Address)	Corporate Guarantor (Seal)

## FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the \_\_\_\_ day of \_\_\_\_\_ 200 \_\_\_\_ between \_\_\_\_\_ (hereinafter called the "Procuring Agency") of the one part and \_\_\_\_\_ (hereinafter called the "Contractor") of the other part.

WHEREAS the Procuring Agency is desirous that certain Works, viz \_\_\_\_\_ should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnesseth as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
  - (a) The Letter of Acceptance;
  - (b) The completed Form of Bid along with Schedules to Bid;
  - (c) Conditions of Contract & Contract Data;
  - (d) The priced Schedule of Prices/Bill of quantities (BoQ);
  - (e) The Specifications; and
  - (f) The Drawings
3. In consideration of the payments to be made by the Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Procuring Agency hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.



IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor

\_\_\_\_\_  
(Seal)

Signature of the Procuring Agency

\_\_\_\_\_  
(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

\_\_\_\_\_

(Name, Title and Address)

Witness:

\_\_\_\_\_

(Name, Title and Address)

## MOBILIZATION ADVANCE GUARANTEE

Guarantee No. \_\_\_\_\_

Executed on \_\_\_\_\_

(Letter by the Guarantor to the Procuring Agency)

WHEREAS the \_\_\_\_\_ (hereinafter called the Procuring Agency) has entered into a Contract for

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (Particulars of Contract), with  
\_\_\_\_\_  
\_\_\_\_\_ (hereinafter called the Contractor).

AND WHEREAS the Procuring Agency has agreed to advance to the Contractor, at the Contractor's request, an amount of Rs. \_\_\_\_\_ Rupees \_\_\_\_\_) which amount shall be advanced to the Contractor as per provisions of the Contract.

AND WHEREAS the Procuring Agency has asked the Contractor to furnish Guarantee to secure the advance payment for the performance of his obligations under the said Contract.

AND WHEREAS \_\_\_\_\_ (Scheduled Bank) (hereinafter called the Guarantor) at the request of the Contractor and in consideration of the Procuring Agency agreeing to make the above advance to the Contractor, has agreed to furnish the said Guarantee.

NOW THEREFORE the Guarantor hereby guarantees that the Contractor shall use the advance for the purpose of above mentioned Contract and if he fails, and commits default in fulfillment of any of his obligations for which the advance payment is made, the Guarantor shall be liable to the Procuring Agency for payment not exceeding the aforementioned amount.

Notice in writing of any default, of which the Procuring Agency shall be the sole and final judge, as aforesaid, on the part of the Contractor, shall be given by the Procuring Agency to the Guarantor, and on such first written demand payment shall be made by the Guarantor of all sums then due under this Guarantee without any reference to the Contractor and without any objection.

This Guarantee shall come into force as soon as the advance payment has been credited to the account of the Contractor.

This Guarantee shall expire not later than \_\_\_\_\_  
by which date we must have received any claims by registered letter, telegram, telex or telefax.

It is understood that you will return this Guarantee to us on expiry or after settlement of the total amount to be claimed hereunder.

\_\_\_\_\_  
Guarantor (Scheduled Bank)

Witness:

1. \_\_\_\_\_

\_\_\_\_\_  
Corporate Secretary (Seal)

2. \_\_\_\_\_

\_\_\_\_\_  
(Name, Title & Address)

1. Signature \_\_\_\_\_

2. Name \_\_\_\_\_

3. Title \_\_\_\_\_

\_\_\_\_\_  
Corporate Guarantor (Seal)

**INDENTURE FOR SECURED ADVANCES.**

(For use in cases in which is contract is for finished work and the contractor has entered into an agreement for the execution of a certain specified quantity of work in a given time ).

This INDENTURE made the ..... day of .....  
-----197--"- BETWEEN (hereinafter called "the Contractor" which expression shall where the context so admits or implied be deemed to include his heirs, executors, administrators and assigns) of the one part and THE GOVERNOR OF SINDH (hereinafter called "the Government" of the other part).

WHEREAS by an agreement, dated ..... (hereinafter called the said agreement, the contractor has agreed to perform the under-mentioned works (hereinafter referred to as the said work):-

(Here enter (the description of the works).<sup>1</sup>

AND WHEREAS the contractor has applied to the .....  
—..... for an advance to him of Rupees -----  
(Rs. ....) on the security of materials absolutely belonging to him and brought by him to the site of the said works the subject of the said agreement for use in the construction of such of the said works as he has undertaken to execute at rates fixed for the finished work (inclusive of the cost of materials and labour and other charge) AND WHEREAS the Government has agreed to advance to the Contractor the sum of Rupees, (Rs. ....) on the security of materials the quantities and other particulars of which are detailed in Part II of Running Account Bill (E). the said works signed by the contractor  
Fin R.Form.17.A  
on----- ..... — and on such covenants and conditions as are hereinafter contained and the Government has reserved to itself the option of marking any further advance or advances on the security of other materials brought by the Contractor to the site of the said works.

NOW THIS INDENTURE WTTNESSETH that in pursuance of the said agreement and in consideration of the sum of Rupees.....  
(Rs. ----- ) on or before the execution of these presents paid to the Contractor by the Government (the receipt whereof the Contractor doth hereby acknowledge) and of such further advances (if any) as may be made to him as aforesaid (all of which advances are hereinafter collectively referred to as the said amount) the Contractor doth hereby assign unto the Government the said materials by way of security for the said amount

And doth hereby covenant and agree with the Government and declare ay follow :-

(1) That the said sum of Rupees .....  
(RF. ----- ) so advanced by the Government to the Contractor as aforesaid and all or any further sum or sums which may be advanced aforesaid shall be employed by the contractor in or towards expending the execution of the said works and for no other purpose whatsoever.

(2) That the materials detailed in the said Running Account Bill (B) which have been

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Offered to and accepted by (he Government as security for the said amount are absolutely by the Contractors own property free from encumbrances of any kind and the Contractor will not make any application for or receive a further advance on the security of materials which are not absolutely his own property and free from encumbrances of any kind and the contractor hereby agrees, at all times, to indemnify and save harmless the Government against all claims whatsoever to any materials in respect of which an advance has been made to him as aforesaid.

(3) That the said materials detailed in the said Running Account Bill (B) and all other

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Materials on the security of which any further advance or advances may hereafter be made as aforesaid (hereinafter called the said materials) shall be used by the Contractor solely in *the* execution of the said works in accordance with the directions of the Divisional Officer------(hereinafter called the Divisional Officer) and in the terms of the said agreement.

(4) That the Contractor shall make at his own cost all necessary and adequate arrangement for the proper watch, safe custody and protection against all risks of the said material and that until used in construction as aforesaid the said materials shall remain at the site of the said works in the Contractor's custody and at his own risk and on his own responsibility and shall at all times be open to inspection by (he Divisional Officer or any officer authorized by him. In the event of the said materials of any part (hereof being stolen, destroyed or damaged or becoming deteriorated in a grater degree than is due to reasonable use and wear thereof Contractor will forthwith replace the same with other materials of like qualify or repair and make good the same as required by the Divisional Officer and the materials so brought to replace the said materials so repaired and made good shall also be considered as security for the said amount.

(5) 'Hurt the said materials shall not on any account be removed from the site of the said works except with the written permission of the Divisional Officer or an officer authorized by him in that behalf

(6) That the said amount shall be payable in full when or before the Contractor receives payment, from the Government of the price payable to him for the said works under the terms and provisions of the said agreement PROVIDED THAT if any intermediate payments are made to the contractor on account of work done then on the occasion of each such payment the Government will be at liberty to make a recovery from the Contractors Bill for such payment by deducting there from in the value of the said materials (hen actually used in the construction and in respect of which recovery has not been made previously the value for this purpose being determined in respect of each description of material at (he rates at which the amount of the advances made under these presents were calculated.

(7) That if the Contractor shall at any time make any default in the performance or observation in any respect of any of the terms and provisions of the said agreement or of these presents the total amount of the advance or advances that may still be owing to the Government shall immediately on the happening of such default be repayable by the Contractor to the Government together with interest thereon at twelve

percent per annum from the date or respective dates of such advance or advances to the date or repayment and with all costs, charges, damages and expenses incurred by the Government in or for the recovery thereof or the enforcement of this security or otherwise by reason of (he default of the Contractor and any moneys so becoming due and payable shall constitute a debt due from the Contractor to the Government and the Contractor hereby covenants and agrees with the Government to repay and the same respectively to it accordingly.

(8) That the Contractor hereby charges all the said materials with the repayment to the Government of the said sum of Rupees ..... (Rs..... ) and any further sum or sums which may be advanced as aforesaid and all costs charges damages and expenses payable under these presents PROVIDED ALWAYS and it is hereby agreed and declared that notwithstanding anything in the said agreement and without prejudice to the powers contained therein if and whether the covenant for payment and repayment hereinbefore contained shall become enforceable and the money owing shall not be paid to accordingly.

Once therewith the Government may at any time thereafter adopt all or any of following courses as it may deem best :-

- (a) Seize and utilize the said materials or any part thereof in the completion of the said works on behalf of the Contractor in accordance with the provisions in that behalf contained in the said agreement debiting the Contractor with the actual cost of effecting such completion the amount due in respect of advances under these presents and crediting the Contractor with the value of work done as he had carried it out in accordance with the said agreement and at the rates thereby provided. If the balance is against the Contractor he is to pay the same to the Government on demand.
- (b) Remove and sell by public auction the seized materials or any part thereof and out of the moneys arising from the sale retain all the sums aforesaid repayable to the Government under these presents and pay over the surplus (if any) to the Contractor.
- (c) Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.

(9) That except as is expressly provided by the presents interest on the aid advance shall not be payable.

(10) That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been hereinbefore expressly provided for the same shall be referred to the Superintending Engineer..... Circle whose..... decision shall be final and the provisions of the Indian Arbitration Act for the time being in force so far as they are applicable shall apply to any such reference.

In witnesses whereof the\* ----- on behalf of the Governor of Sindh and the said ----- --have hereunto set their respective hands and seals the day and first above written.

Signed, sealed and delivered by\* In the presence of

Seal  
1st witness 2<sup>nd</sup> witness

Signed, sealed and delivered by\* In the presence of

Seal  
1st Witness 2<sup>nd</sup> witness

## SPECIFICATIONS

### *[Note for Preparing the Specifications]*

A set of precise and clear specifications is a prerequisite for bidders to respond realistically and competitively to the requirements of the user without qualifying their Bids. The specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, performance of the works. Only if this is done objectives of economy, efficiency, and fairness in procurement will be realized and responsiveness of Bids can be ensured, and the subsequent task of bid evaluation can be facilitated. The specifications should require that materials to be incorporated in the works be new, unused, and of the most recent or current models, and incorporated all recent improvements in design and materials unless provided for otherwise in the contract.

Samples of specifications from similar to previous procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the works and the repetitiveness of the type of procurement, it may be advantageous to standardize the Technical Specifications that should cover all classes of workmanship, materials and equipment although not necessarily to be used in a particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized international standards should be used as much as possible. The specifications shall consider all conditions but not limited to seismic conditions, weather conditions and environmental impact. The specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Specifications.

#### Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Specifications to specific standards and codes to be met by Works to be furnished and tested, the provisions of the latest current edition or revision of the relevant shall apply, unless otherwise expressly stated in the Contract. Other authoritative standards that ensure equivalence to the standards and codes specified will be acceptable.]



## **\*DRAWINGS**

*\* (Note: The Engineer/Procuring Agency may incorporate specific Drawings for Bidding purposes only or may include the detailed drawings in a separate volume, if necessary).*