

**Office of the District Education Officer Primary School District East Karachi**

**At Safia Khanum Memorial School Jigger Muradabadi Road New Town Karachi.**

NO:TC/DEO (Prim)/DISTT: EAST/NIT/2016-17/ / KARACHI DATED THE:-

17/17-26

2017. 17-04-2017

1. The District Education Officer Primary School District East Karachi invites sealed bids/tenders on composite schedule of rates (CSR) items Rate basis or on both from interested firms/contractors or persons as per SPPRA Rules 2010.
2. The purpose of these works is to complete the Repair & Maintenance of Existing Non-Functional Toilets & Damaged Boundary Wall of Different Primary Schools in District East Karachi

| No: | Name of Work   | Total Estimated Cost Amount in Millions | Category Registrati on in the PEC | 2% Bid Security  | Tender Fee | Completion Period |
|-----|--|---|-----------------------------------|--|------------|-------------------|
| 1.  | <b>Installation of Solar System Complete Solution in existing Primary Schools of District East Karachi.</b><br><b>☛ Solar System (09 Units)-</b><br>1. GGPS Ojha Sanatorium Gulshan-e-Iqbal.<br>2. GGPS I.K. P2 Gulshan-e-Iqbal.<br>3. GBPS Madho Goth Gulshan-e-Iqbal.<br>4. GBPS White Hall Race Club Gulshan-e-Iqbal.<br>5. GBPS D.B. Advani Gulshan-e-Iqbal.<br>6. GBPS Bismillah Masjid Jamshed.<br>7. GBPS Surriya Jamshed.<br>8. GBPS Jacobline No: 1, Jamshed.<br>9. GGPS Jacobline No: 1 Jamshed. | 3.809                                   | C-6                               | 2% of Bid Price in Shape of Pay-Order in favor of District Education Officer (Primary) District East Karachi | Rs.-3000/- | TWO-Months        |
|     | <b>Provision of Drinking Water Facilities in existing Primary Schools of District East Karachi.</b><br><b>(09 Units)-</b><br>1. GGPS Ojha Sanatorium Gulshan-e-Iqbal.<br>2. GGPS I.K. P2 Gulshan-e-Iqbal.<br>3. GBPS Madho Goth Gulshan-e-Iqbal.<br>4. GBPS White Hall Race Club Gulshan-e-Iqbal.<br>5. GBPS D.B. Advani Gulshan-e-Iqbal.<br>6. GBPS Bismillah Masjid Jamshed.<br>7. GBPS Surriya Jamshed.<br>8. GBPS Jacobline No: 1, Jamshed.<br>9. GGPS Jacobline No: 1 Jamshed.                        | 0.907                                   | C-6                               | 2% of Bid Price in Shape of Pay-Order in favor of District Education Officer (Primary) District East Karachi | Rs.-3000/- | TWO-Months        |

**ELIGIBILITY**

4. **METHOD OF PROCUREMENT:** -  
Single Stage Single Envelope

5. **BIDDING/TENDER DOCUMENTS**


- Issuance:** - The tender's documents will be issued from the date of publication in News-Papers or hosting on the SPPRA Website till 8/5/17 upto 2.00-PM on payment of tender fee (Non-refundable mentioned against each work) in shape of Pay-Order in favor of District Education Officer Primary District East Karachi.
- Submission:** Last date of submission of tender documents is 9/5/17 up to 2.00-PM
- Opening:** - The tender documents will be open on same date as 9/5/17 at 2.30-PM in the presence of bidders or representative who authorized by the bidders.
- Place/Address:** - The tenders will be issued and submitted and opened in the office of the undersigned at Safia Khanum Memorial School Jigar Muradabadi Road New Town Karachi.
- Un-responded tenders:** -  
If the tenders are un-responded the tender documents will be issued from 18/5/17 During Office hours and will be received on 29/5/17 upto 2:00 PM and opened on the same day/date at 2.30-PM

**6. TERMS & CONDITIONS: -**

- a) Under following conditions bid will be reject: -
- Conditional and Telegraphic bids/tender
  - Bids not accompanied by the bids security of required amount and form
  - Bids received after specified date and time
  - Black listed firms
- b) **Bid Validity Period (90-Days)**
- c) Procuring Agency reserves the right to reject all or any bids subject to the relevant provisions of Sindh Public Procurement Rules 2010


**7. RESPONSIVE BIDDERS IS REQUIRED TO SUBMIT FOLLOWING DOCUMENTS WITH BID**

- List of Similar assignments with cost (mention number of projects with their cost) under-taken over the past 5-years.
- Details of equipment's, machines and transport owned by firm/contractor
- Financial Statement (Summary) and Income Tax return for the last 5-years
- Affidavit that firm has never been black listed
- Affidavit that the firm has not been involved in any court case.
- PEC Certificate for Calendar Year 2017.
- NTN Certificate
- Proof of Registration in the Sindh Revenue Board(SRB)
- Proof of Registration in the Federal Board of Revenue(FBR)
- Current Bank Statement
- Bank Certificate for Account Holder.
- Valid Specialization Code EE11 ((Solar Energy)) for PEC.

  
(MS. ANISSA BUGHIO)  
District Education Officer  
Primary Schools District East  
Karachi

Forwarded with compliments to:-

- The Secretary, Information & Technology Department Government of Sindh, Karachi for favor of information along with software CD for Hoisting on Sindh Government Website ([www.gov.sindh.pk.com](http://www.gov.sindh.pk.com)).
- The Additional Secretary (PD&F), Schools Education Department, Government of Sindh Karachi.
- The P.S. to Secretary, School Education Department, Government of Sindh Karachi.
- The Director (A&F) Sindh Public Procurement Regulatory Authority, Karachi for favor of information
- The Director information Department, Government of Sindh, Karachi for information.
- The Chief Program Manager (RSU), Schools Education Department, Government of Sindh Karachi.
- The Chief Engineer Education Works, Government of Sindh Hyderabad.
- The Superintending Engineer Education Works Circle Karachi.
- The Executive Engineer Education Works Division-III Karachi.
- Notice Board/CB (Local) D.B. (Local)

  
(MS. ANISSA BUGHIO)  
District Education Officer  
Primary Schools District East  
Karachi

**PROCUREMENT PLAN OF DISTRICT EDUCATION OFFICER (PRIMARY) DISTRICT EAST KARACHI.**

**THE YEAR 2016-17**

| S.NOS | FUND HEAD & SUB HEAD | NAME OF WORK  | ALLOCATION FUNDS AND BREAKUP 2016-17 | ITEMS TO BE EXECUTED                                    | METHOD OF PROCUREMENT     | DATE OF ADVERTISEMENT | ANTICIPATED/ACTUAL DATE OF START LAST DATE OF ISSUANCE OF TENDERS | DATE OF OPENING TENDERS |
|-------|----------------------|---|--------------------------------------|---|---------------------------|-----------------------|---|-------------------------|
| 1     |                      | <b>Installation of Solar System Complete Solution in existing Primary Schools of District East Karachi. (09 Units)-</b><br><br>1. GGPS Ojha Sanatorium Gulshan-e-Iqbal.<br>2. GGPS I.K. P2 Gulshan-e-Iqbal.<br>3. GBPS Madho Goth Gulshan-e-Iqbal.<br>4. GBPS White Hall Race Club Gulshan-e-Iqbal.<br>5. GBPS D.B. Advani Gulshan-e-Iqbal.<br>6. GBPS Bismillah Masjid Jamshed.<br>7. GBPS Surriya Jamshed.<br>8. GBPS Jacobline No: 1, Jamshed.<br>9. GGPS Jacobline No: 1 Jamshed. | 3.809                                | Installation of Solar System with complete Accessories. | Single Stage One Envelope |                       |   | June-2017               |
|       |                      | <b>Provision of Drinking Water Facilities in existing Primary Schools of District East Karachi. (09 Units)-</b><br><br>1. GGPS Ojha Sanatorium Gulshan-e-Iqbal.<br>2. GGPS I.K. P2 Gulshan-e-Iqbal.<br>3. GBPS Madho Goth Gulshan-e-Iqbal.<br>4. GBPS White Hall Race Club Gulshan-e-Iqbal.<br>5. GBPS D.B. Advani Gulshan-e-Iqbal.<br>6. GBPS Bismillah Masjid Jamshed.<br>7. GBPS Surriya Jamshed.<br>8. GBPS Jacobline No: 1, Jamshed.<br>9. GGPS Jacobline No: 1 Jamshed.         | 0.907                                | Providing Drinking Water Facilities                     | ----do----                |                       |   |                         |

## "Schedule of Price"

### Installation of Solar System in Existing Primary School of District East Karachi. (09 Units)

| S.NO | DESCRIPTION OF ITEMS.  | QTY    | Unit  | OFFER RATE | P.UNIT | AMOUNT. |
|------|--|--------|-------|------------|--------|---------|
| 1    | Solar Panels "Crystalline" 320Watt (IEC61215:2005, IEC 61730 certified ISO 9001:2008 / Quality Management system ISO/TS 16949:2009 , ISO 14001:2004 , OHSAS 18001:2007 VDE/MCS /CE / SII / CEC AU / IN METRO UL1703 : CSA/ IEC 61701 UL 1703 : CSA / 61701 ED2: VDE / IEC 62716: VDE / IEC 60068             | 36     | Watts |            | each   |         |
| 2    | Sealed maintenance free, VRLA AGM Solar Dry Battery Bank )IEC61056-1/2:2002 and JIS C8702-1/2:2009,UL and CE life Cycles must be 1200 cycl at 30% DOD ( When the battery is 70% fully charged Size )( 100 AH )   | 28     | AH    |            | nos    |         |
| 3    | Sealed maintenance free, VRLA AGM Solar Dry Battery Bank )IEC61056-1/2:2002 and JIS C8702-1/2:2009,UL and CE life Cycles must be 1200 cycl at 30% DOD ( When the battery is 70% fully charged Size )( 150 AH )   | 16     | AH    |            | each   |         |
| 4    | Lockable Single Box for Battery Bank & Inverter GI Powder Coated   | 10     | Set   |            | set    |         |
| 5    | High Efficiency Inverters (Hybird) with built in MPPT and charge Controller.(3 KW-48-V ) Isolated transformer design , LCD Display Multilingual with efficient battery management, Alarm & protection PV reverse protection 65-120Vdc , 97% Efficiency , 62A Charging Current PV : 3.5 KW on builtin charger | 9      | K.W   |            | nos    |         |
| 6    | Iron made, Powder coated mounting structure for Solar panels ( Roof/Ground mounted)  | 24     | Set   |            | nos    |         |
| 7    | Ceiling Fan 50Watt (Pakistan Standard) 220VAC  | 50     |       |            | nos    |         |
| 8    | LED Tube Light 16-20W 4ft  | 50     |       |            | nos    |         |
| 9    | Timer for Automatic on/off & prevent from the Mis use of the System  | 9      |       |            | nos    |         |
| 10   | Standard 7/0.29 cable for internal Electrification   | 1700   | ft    |            | p.ft   |         |
| 11   | Standard 7/0.36 cable for internal Electrification   | 800    | ft    |            | p.ft   |         |
| 12   | Multi-strand wire 6mm2 ( 1 core) for balance of System inverters and to main distribution boxe. ( Turnkey wiring scheme/Branded) Newage / Fast / Allied or Equivalent  | 250.00 | Ft    |            | P.Ft   |         |

|    |  |        |     |       |
|----|--|--------|-----|-------|
| 13 | Multi-stranded electric wire 4-mm <sup>2</sup> (1 core) for PV panels inter connections and combiner box. Newage / Fast / Allied or Equivalent       | 900.00 | Ft  | P.Ft  |
| 14 | Multi-stranded electric wire 16-mm <sup>2</sup> ( 1 core) for PV combiner box to CC . Fast / Newage / Allied or Equivalent                           | 500.00 | Ft  | P.Ft  |
| 15 | Glands   | 85     | Nos | Each  |
| 16 | Circuit Breaker 20 Amps Two pole for PV Panels . ( Schneider/Hager/ABB or Equivalent )   | 7      | Nos | Each  |
| 17 | Circuit Breaker 40 Amps Two pole for PV Panels . ( Schneider/Hager/ABB or Equivalent )   | 5      | Nos | Each  |
| 19 | Circuit Breaker 63 Amps Battery Bank Single pole for PV Panels ( Schneider/Hager/ABB or Equivalent)  | 5      | Nos | Each  |
| 20 | Circuit Breaker 32 Amps double pole for AC load. ( Schneider/Hager/ABB or Equivalent )   | 9      | Nos | Each  |
| 21 | Change Over Switches 15/ 40 Amps.  | 9      | Set | P.Set |
| 22 | Junction Boxes.  | 9      | Nos | Each  |
| 23 | All Standard accessories for safe installation of Solar power system and electrification including ( Cable ties,Nuts/Bolts, Screws,Nails, Tape etc ) | 9      | Set | P.Set |
| 24 | Main Power distribution cabinet.   | 9      | Set | P.Set |
| 25 | Installation, Testing and commissioning of Solar PV system .(Hybrid )  | 9      | Set | P.Set |
| 26 | Transportation.  | 9      | Nos | Each  |

TOAL FOR SOLAR SYSTEM

PART-A

Total Rs:

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**"Schedule of Price"**

**Provision of Drinking Water Facilities in Existing Primary School of District East Karachi. (09 Units)**

**Water Supply & Sanitary**

| S.NO. | DESCRIPTION OF ITEM | QUANTITY | RATE | UNIT | Since Com: |
|-------|---------------------|----------|------|------|------------|
|-------|---------------------|----------|------|------|------------|

**SCHEDULE ITEMS :**

|   |   |        |          |      |           |           |
|---|---|--------|----------|------|-----------|-----------|
| 1 | Providing and fixing position nyloon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining to nyloon connections (S.I.No. 23/P-6)   | 10 Nos | 447.15   | Each | 4471.50   | 4471.50   |
| 2 | S/Fixing lond bib-cock of superir quality with c.p head 1/2" dia (S.I.No. 13-A/P-19)  | 20 Nos | 1109.46  | Each | 22189.20  | 22189.20  |
| 3 | S/F swan type piller cock of superior quality single C.P.head 1/2" dia  | 10 Nos | 795.30   | Each | Rs.       | 7953.00   |
| 4 | P/F handle valve (China) .<br>1" dia  | 8 Nos  | 271.92   | Each | 2175.36   | 2175.36   |
| 5 | S/F Fiber Glass Tank of approved quality & design & wall thickness as specified i/c cost of nuts bolts & fixing in plateform of C.C.1:3:6 & making connections for inlet & over flow pipe etc complete (600 gallons).   | 6 Nos  | 21989.60 | Each | 131937.60 | 131937.60 |
| 6 | Manufacturing and supplyin of 21" R.C.C. manhole cover cast in 1:2:4 concrete ratio 3 inch deep at center, reinforced with 1/2" dia tor steel bars at 4" c/c. welded to 3/16" thick 2" wide M.S. plate two hook of 3/8" dia tor bar including compacting i/c. curing, and transportation with in 10 mile. (b) 24 inch dia (S.I. No: 1-b/P-31) | 20 Nos | 1051.25  | Each | 21025.00  | 21025.00  |

Total Part B S.I. 189751.66

Add: Premium \_\_\_\_\_ % Above

**Total S.Items:-**

**NON SCHEDULE ITEMS :**

|    |   |         |  |       |     |
|----|---|---------|--|-------|-----|
| 10 | P/F "U" P.V.C Nepro make schedule 40 i.c cutting and fitting cost of breaking throug walls roof and joints by using solvent (AGM or equivalent) maiking good with C.C. i/c curing finishing and testing water presure to head of 200' ft and handling etc as aprproved by Engineer Incharge(R.A). | 200 Rft |  | P.Rft | Rs. |
|    | 1/2" dia  | 200 Rft |  | P.Rft | Rs. |
|    | 3/4" dia  | 200 Rft |  | P.Rft | Rs. |
| 11 | P/F P.V.C Elbow of Schedule 90 degree Nepro Make of schedule 40i.c cutiing fitng and desingning of various size fixed to U-PVC pipe, etc complete as approved by Engineer Incharge (R.A).   | 20 Rft  |  | P.Rft | Rs. |
|    | 1/2" dia  | 20 Rft  |  | P.Rft | Rs. |
|    | 3/4" dia  | 20 Rft  |  | P.Rft | Rs. |
| 12 | P/F "U" P.V.C tee 4" dia make of schedule 40 i/c fitting jointing with special "U" P.V.C cement soulation as pproved and directed by D.I.Incharge (R.A).  | 20 Nos  |  | Each  | Rs. |
|    | 1/2" dia  | 20 Nos  |  | Each  | Rs. |
|    | 3/4" dia  | 20 Nos  |  | Each  | Rs. |
| 13 | P/F "U" P.V.C Pipe Nepro make schedule 40 i.c cutting and fitting and jointing by using solvent (AGM or equivalent) and testing water presure to head of 200' ft and handling etc as aprproved by Engineer Incharge(R.A).   | 225 Nos |  | Each  | Rs. |
| 14 | P/F "U" P.V.C Elbow 90 degree Nepro dia make schedule 40 i.c cutting and fitting and jointing by using solvent (AGM or equivalent) aetc as aprproved by Engineer Incharge(R.A).   | 20 Nos  |  | Each  | Rs. |

| S.NO.                 | DESCRIPTION OF ITEM  | QUANTITY | RATE | UNIT  | Since Com: |
|-----------------------|--|----------|------|-------|------------|
| 15                    | P/F Waer Sunction Pump set (Single Phase) 220-Volts, 3/4" x 1/2" in/c<br>Electric Wiring in all respect approved by Engineer Incharge (L.Q.R.)   | 5        |      | Each  | Rs.        |
| 16                    | Boring for ube well in all water bearing soils ground level upto 100 ft<br>or 30.50 meter depth i/c sinking and with drawing of casting pipe (150<br>mm 6" dia (P/41-1d)                 | 200 Rft  |      | P.Rft | Rs.        |
| 17                    | Boring for ube well in all water bearing soils from depth 100 ft or 200.0<br>ft for 30.51 meter blow ground level i/c sinking and with drawing of<br>casing pipe 150 mm 6" dia (P/42-2b) | 400 Rft  |      | P.Rft | Rs.        |
| 18                    | S/F PVC stainers B Class of approved desing quality and make i.c<br>necessary sockers etc complete (b) 150 mm 6" dia (P/43-9 d)  | 400 Rft  |      | P.Rft | Rs.        |
| 19                    | Surounding with graded bajri (3/8" to 1/8") or ( 9 to 3mm) in b/w<br>bore and bind pipe for the following dim meter of stainer (150mm 6"   | 400 Rft  |      | P.Rft | Rs.        |
| Total Part 'B' N.S.I. |  |          |      |       |            |

Total Schedule Items:-

G.Total W/S & S/Work:-

**"GENERAL ABSTRACT"**

TOAL PART-A SOLAR SYSTEM

TOAL PART-B W/S & S/WORK

G.TOTAL

**TERMS AND CONDITIONS:**

- Any typographical errors in the schedule "B" are subject to correction with the reference to the schedule of General items 2012 in force from 12-07-2012 as approved by the standing rates committee sindh, Karachi
- Water shall be arranged by the contractor at site of work without any extra payment.
- No premium shall be paid on non-schedule items.
- The work will be carried out as per PWD Specifications.

CONTRACTOR

EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION-III  
KARACHI.