



## Business and Engineering Trends

### List of GRP Piping Projects

#### SINDH

S.No	Project Name	Location	Usage	Diameter	Pressure	Total Quantity (RFT)	Remarks
1	CEWTP Korangi PTA Environmental Society.	Karachi	Industrial waste water treatment	6" upto 42"	PN 6 to PN 9	21,000	
2	DHA Cogen - Desal Plant Siemens Pakistan Limited.	Karachi	Water Supply	6" upto 54"	PN 12	Approx 60,000	
3	KANUPP	Karachi	Water	6" upto 12"	PN 10	1000	

#### PUNJAB

1	Power Plant Workshops	Islamabad	Industrial	2, 4, 6"		3720	
2	Zero Point Interchange Project C/o Capital Development Authority (CDA)	Islamabad	Water	500 mm	PN 9	984	
3	Pakistan Atomic Energy Commission	Lahore	Water	150 mm	PN 9	1010	
4	Defence Housing Authority Project C/o Divine Developers (Pvt) Ltd	Lahore	Sewerage	600 mm	PN 6	1100	
5	Southern Punjab Urban Services Project - Asian Development Bank.	Multan	Sewerage	1000 mm	PN 6	3000	
6	WASA Sewerage Project C/o KSB Pumps Company Ltd.	Multan	Sewerage	1400 mm	PN 6	5232	
7	Southern Punjab Urban Services Project - Asian Development Bank.	D.G. Khan	Sewerage	600 mm	PN 6	7000	
8	Southern Punjab Urban Services Project - Asian Development Bank C/o NPL	D.G. Khan	Sewerage	700 mm	PN 6	16000	
9	Southern Punjab Urban Services Project - Asian Development Bank C/o NPL	D.G. Khan	Sewerage	800 mm	PN 6	9000	
10	Public Health Engineering Punjab C/o Saddaqt Builders - Kot Addu	D.G. Khan	Water	400 mm	PN 6	3700	
11	Public Health Engineering Punjab C/o Saddaqt Builders - Kot Addu	D.G. Khan	Water	450 mm	PN 6	7700	
12	Public Health Engineering Punjab C/o Saddaqt Builders - Kot Addu	D.G. Khan	Water	500 mm	PN 6	1425	
13	Public Health Engineering Punjab C/o Saddaqt Builders - Kot Addu	D.G. Khan	Water	600 mm	PN 6	750	
14	Public Health Engineering Punjab C/o Saddaqt Builders - Kot Addu	D.G. Khan	Water	700 mm	PN 6	100	
15	Public Health Engineering Punjab C/o Muhammad Idrees	D. G. Khan	Water	500 mm	PN 6	11000	
16	Public Health Engineering Punjab Water supply Scheme C/o Muhammad Idrees	D.G. Khan	Water	600 mm	PN 6	9500	
17	Public Health Engineering Punjab Water supply Scheme C/o Nazir & Company	Chunian	Water	600 mm	PN 9	11000	
18	Public Health Engineering Punjab Water supply Scheme C/o Top Class Engineering	Chunian	Water	400 mm	PN 6	2600	
19	Public Health Engineering Punjab Water supply Scheme C/o Top Class Engineering	Chunian	Water	450 mm	PN 6	3700	
20	Public Health Engineering Punjab Water supply Scheme C/o Top Class Engineering	Chunian	Water	600 mm	PN 6	5500	

S.No	Project Name	Location	Usage	Diameter	Pressure	Total Quantity (RFT)	Remarks
21	Public Health Engineering Punjab Water supply Scheme C/o Liaqat & Company	Chunian	Water	250 mm	PN 9	1000	
22	Public Health Engineering Punjab Water supply Scheme C/o Liaqat & Company	Chunian	Water	350 mm	PN 9	1000	
23	Public Health Engineering Punjab Water supply Scheme C/o Liaqat & Company	Chunian	Water	400 mm	PN 9	1000	
24	Public Health Engineering Punjab Water supply Scheme C/o Liaqat & Company	Chunian	Water	500 mm	PN 9	500	
25	Public Health Engineering Punjab Water supply Scheme C/o Liaqat & Company	Chunian	Water	600 mm	PN 6	11000	
26	Public Health Engineering Punjab Water supply Scheme C/o Liaqat & Company	Chunian	Water	600 mm	PN 9	1500	
27	Public Health Engineering Punjab C/o Liaqat & Company	Rahim Yar Khan	Water	700 mm	PN 6	6500	
28	Rahim Yar Khan Sewerage Project C/o Mian Javed Friends Engineer	Rahim Yar Khan	Sewerage	1000 mm	PN 6	600	
29	Rahim Yar Khan Sewerage Project C/o Mian Javed Friends Engineer	Rahim Yar Khan	Sewerage	1000 mm	PN 6	1000	
30	Southern Punjab Urban Services Project - Asian Development Bank C/o Friends Engineer.	Bahawalpur	Sewerage	1000 mm	PN 6	6500	
31	Public Health Engineering Punjab C/o Muhammad Idrees	Bahawalpur	Water	700 mm	PN 6	11000	
32	Public Health Engineering Punjab Water supply Scheme C/o Abdul Rauf	Pattoki	Water	600 mm	PN 6	40000	
33	Public Health Engineering Punjab Water supply Scheme C/o Abdul Rauf	Pattoki	Water	600 mm	PN 9	15000	
34	Southern Punjab Urban Services Project - Asian Development Bank.	Jahania	Sewerage	600 mm	PN 6	9000	
35	Southern Punjab Urban Services Project - Asian Development Bank.	Jam Pur	Sewerage	600 mm	PN 6	5000	
36	Southern Punjab Urban Services Project - Asian Development Bank C/o Data Corporation.	Khairpur Tamewali	Sewerage	700 mm	PN 6	4258	
37	Southern Punjab Urban Services Project - Asian Development Bank C/o Ch. Pervez Akhtar.	Yazman	Water	450 mm	PN 6	5000	
38	Southern Punjab Urban Services Project - Asian Development Bank C/o Ch. Pervez Akhtar.	Qadirpur Rawan	Water	600 mm	PN 6	2200	
39	OMV (PAKISTAN)	Kadanwari	Refinery	2"	PN 6	650	
40	Mahr Yousf Water Supply Scheme - Kot Sultan	Layyah	Water	500 mm	PN 6	2200	
41	Public Health Engineering Punjab Water supply Scheme C/o Muhammad Idrees	Muzzafargarh	Water	600 mm	PN 6	7500	
42	Public Health Engineering Punjab Water supply Scheme C/o Muhammad Idrees	Chistian	Water	600 mm	PN 6	4500	
43	Public Health Engineering Punjab Water supply Scheme C/o Bashir Ahmad	Changa Manga	Water	350 mm	PN 6	24500	

P-50/50W/ZDC/01/903

July 13, 2009

**TO WHOM IT MAY CONCERN****LOCALLY MANUFACTURED GRP PIPES & FITTINGS**

It is informed that M/s. Business & Engineering Trends are manufacturing GRP pipes and fittings locally at their production unit located at Sundar Industrial Estate Lahore.

During a recent visit of the plant it was found that the production of GRP pipes and fittings is being done on an automatic plant having a capacity to produce about 2500 rft per day of various diameters of pipes. After the production random samples of pipes from each batch are hydrostatically tested. Additionally material testing is also carried out at the request of the Client.

The quality of production pipes and materials (resin & fibre) used were found to be in compliance with ASTM and AWWA standards recommended for the manufacture of GRP pipes.

Locally produced GRP pipes manufactured by M/s. Business & Engineering Trends are recommended to be considered for use in water supply and wastewater projects.



(EHTESHAMUL HAQ)  
Senior Engineer (Infrastructure)



(ZUBIN D. COOPER)  
Chief Engineer (Infrastructure)

Phone : +9221-9090000 & 9207277 to 9207284 (08)

Fax : +9221-9202366 & 5651994

E-mail : nespakh@khi.wol.net.pk P.O.Box : 5772 Karachi.





**KARACHI WATER & SEWERAGE BOARD**  
**OFFICE OF DY. MANAGING DIRECTOR**  
**(TECHNICAL SERVICES)**

Block "B" 9<sup>th</sup> Mile Karsaz

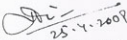
No: DMD(TS)/KW&SB/2009/100.

Dated: 25-04-2009

✓ M/s. Business & Engineering Trends (BET)  
155-0/2, First Floor, Block-2,  
Khushal Road, PECHS,  
Karachi

SUB: PREQUALIFICATION OF M/S. BUSINESS & ENGINEERING TRENDS (BET) AS MANUFACTURERS OF GRP PIPE IN KW&SB

I am directed to convey the approval of Competent Authority for prequalification of your firm as a Manufacturer of GRP Pipe as per existing terms and condition of KW&SB.

  
Dy. Managing Director (TS)  
KW&SB

Copy to:

1. The Managing Director, KW&SB.
2. The Chief Engineer (BT&D), KW&SB.
3. The Chief Engineer (Projects), KW&SB.
4. The Chief Engineer (Mega Project), KW&SB.
5. The Chief Engineer (E&M), KW&SB.
6. The Chief Engineer (Special Project), KW&SB.
7. All Zonal Chief Engineers, KW&SB.



Ph: (92-42) 5843299

5843294

Fax: (92-42) 5843267

Email: pcosubusp@yahoo.com

NO. SPBUSB.

**PROJECT CO-ORDINATION OFFICE  
SOUTHERN PUNJAB BASIC URBAN SERVICES PROJECT**

**(SPBUSB) IG&CD Department**


47-L, Gulberg III, Lahore.

Dated: Lahore the

**TO WHOM IT MAY CONCERN**

This is to certify that Southern Punjab Basic Urban Services Project (SPBUSB) is implementing a project financed by the Asian Development Bank for improving infrastructure of several towns in Southern Punjab.

In implementing this project M/s Business & Engineering Trends having their factory at Sunder Industrial Estate, Lahore are supplying GRP Pipes to several of the projects in various sizes

  
**Dv. Project Coordinator (Egg)**

Dated: 05-4-2008

NO. SO (PH) IV-148/2007  
GOVERNMENT OF THE PUNJAB  
HUD & PHE DEPARTMENT

Dated: 15 Sep, 2009

**RENEWAL OF REGISTRATION**

M/s Business & Engineering Trends, 24-Habibullah Road, Lahore is hereby renewed for the year 2009-10 as a approved manufacturer / supplier of Fiberglass (GRP/FRP Pipe) ranging 2" to 90" dia with HUD & PHE Department as likely supplier of the above products subject to the condition that Technical Committee of HUD & PHE Department will submit its recommendations to the Administrative Department within one month and if the Technical Committee did not recommend your renewal, the renewal letter will be withdrawn.

2. The firm will be 100% responsible for the quality of the Pipe supplied to the contractors and in case of any complaint from field regarding the quality / specifications of Pipes supplied the firm will be responsible.
3. The firm will be bound to supply a test report (alongwith other documents) of Pipe supplied for each delivery to Contractor / HUD & PHE Department.
4. The Annual renewal of the firm for the year 2010-11 should be applied by 30<sup>th</sup> April, 2010.
5. The N.T.N. of the firm is 0665704-3.

SECRETARY  
HUD & PHE DEPARTMENT

**No. & Date Even**

A copy is forwarded for information to:-

1. The Secretary, Government of the Punjab, LG & CD Department.
2. The Accountant General Punjab, Lahore.
3. The Director General Accounts (Works), Lahore.
4. The Director General, LDA, FDA, RDA, MDA & GDA.
5. The Director General, PHATA, Lahore.
6. The Chief Engineer (North/South) PHE Department, Lahore.
7. The Managing Director, WASAs, LDA, FDA, RDA, MDA & GDA.
8. The Project Director, New Murree Development Authority, Murree.
9. The Project Director, PCWSS-P, Lahore.
10. The Superintending Engineer PHE Circle, Lahore, Faisalabad, Multan, Gujranwala, Rawalpindi, Sargodha, Bahawalpur and D.G. Khan with the request to circulate it to the lower formation.

sd/-  
SECTION OFFICER (PH)  
PH.# (042-9213134)

**No. & Date Even**

A copy is forwarded to M/s Business & Engineering Trends, 24-Habibullah Road, Lahore for information

sd/-  
SECTION OFFICER (PH)  
PH.# (042-9213134)



# ENVIRONMENT PROTECTION DEPARTMENT

Government of the Punjab

National Hockey Stadium, Ferozpur Road, Lahore



NO. DD (EIA)/EPA/F-174(EEE/0601/2008/172.

Dated: 19/01/2009

To

The Chief Executive,  
M/S Business & Engineering Trends,  
646-647, Sunder Industrial Estate,  
Lahore.

Subject:

**ENVIRONMENTAL APPROVAL**

(Under Section 12 of PEPA, 1997 read with EIA/EIA Regulations, 2000)

- Description of Project:** Construction of GRP Pipes Manufacturing units.
- Location of Project:** The project is located at Plot No. 646-647, Sunder Industrial Estate, Lahore.
- Date of Submission** 25.12.2008


4. After review of the Initial Environmental Examination (IEE) Report, the Environmental Protection Agency, Punjab has decided to accord approval for construction phase of the above-mentioned project subject to the following conditions:

- The proponent shall ensure compliance of the National Environmental Quality Standards (NEQS).
- Hazard of soil erosion will be minimized with proper provision for resurfacing of exposed area.
- Mitigation measures suggested in the IEE Report and Environmental Management Plan (EMP) shall be strictly adhered to minimize any negative impacts on soil, ground water, air and biological resources of the project area. The proponent will depute staff to monitor compliance of EMP.
- Monitoring shall be carried out during the entire period of the project activities. Monitoring reports of the whole operation should be submitted to EPA, Punjab on monthly basis.
- Sewage generated during construction activities will be treated in septic tanks and soak pits. These will be constructed at a suitable distance from any permanent or seasonal water source. Septic tank and soak pits will not be located in the areas where high ground water table exists.
- The proponent shall not discharge untreated wastewater in a surface or sub-surface water body that may be used for drinking or agriculture purpose.
- The standby power generator will be installed by adopting sound proofing techniques i.e. by installation silencer and it shall be equipped with proper smoke arrester / scrubber and stack / chimney with proper height to discharge the hot gases / smoke safely and gas generator should be installed instead of diesel generator.
- The proponent will care about noise issues during construction and operation stage of the project.
- The proponent will not place the construction material openly.
- The proponent shall establish a system for controlling fugitive dust and other emissions.
- The proponent shall ensure that strict and efficient health and safety measures are in place for protection of workers backed by a comprehensive emergency response system.
- The proponent shall install treatment plant in compatible with National Environmental Quality Standards (NEQS).
- The proponent shall do proper landscaping after completion of the project.

P.T.O



- (xiv) The proponent will provide a copy of this letter and IEE report to the contractor for his information and compliance.
- (xv) The proponent will obtain approval/NOC of all other concerned departments before commencement of work.
- (xvi) The proponent shall convey the name of the Environmental Manager of the project along with his complete Mailing Address and Phone Numbers.
- (xvii) Extensive tree plantation, especially of indigenous species, must be carried out in and around the project area.
5. The proponent shall be liable for correctness and validity of the information supplied by the environmental consultant.
6. The proponent shall be liable for compliance of Sections 13, 14, 17 and 18 of IEE/EIA Regulations, 2000, regarding approval, confirmation of compliance, entry, inspection and monitoring.
7. This approval is recorded only for the construction phase of the project. The proponent will obtain approval for commissioning of the project in accordance with Section 13(2)(b) and Section 18 of the IEE/EIA Regulations, 2000.
8. Any change in the approved project shall be communicated to EPA, Punjab and shall be commenced after obtaining the approval.
9. This approval shall be treated as null and void if all or any of the conditions mentioned above, is/are not complied with. This approval does not absolve the proponent of the duty to obtain any other approval or consent that may be required under any law in force and is subject to legal proceedings in any legal fora / court.
10. This approval shall be valid (for commencement of construction) for a period of three years from the date of issue under Section 17 of IEE / EIA Regulations, 2000.

  
ASSISTANT DIRECTOR (EIA)  
for Director General, EPA, Punjab

NO. & DATE EVEN.

A copy is forwarded for information to:

1. The District Officer (Environment), Lahore with reference to his letter No. 1028/DOE/LHR dated 25-12-2008. He is requested to ensure compliance of the above-mentioned conditions under intimation to this office.

  
ASSISTANT DIRECTOR (EIA)  
for Director General, EPA, Punjab