ATTENDANCE SHEET OF BIDDERS

The Following Contractor / Firms Have Participated in the Supplying & Fixing New 2 X 2.5 MW HFO GTG I Open Cycle Power project.

On 25-01-2017

S.No.	Name of Contractor / Firms	Signature
1	MBC & Sons Builders Developers	
2	M/s Thadani Enterprises	
3	M/s Madni Engineering Construction Company	
4	M/s Hafiz Rab Nawaz & Company	

Haji Khan Jamali
Superintending Engineer,
Thar Coal Water Works Circle,
Mirpurkhas
CHAIRMAN

Muhammad Faheem Soomro
Executive Engineer,
Thar Coal Water Works
Division, Mirpurkhas
MEMBER / SECRETARY

Muhammad Alam Rahpoto
Executive Engineer,
Thar Coal Water Carrier Works
Division, Mirpurkhas
MEMBER

Shafique Hussain Memon
Executive Engineer,
Public Health
Division, Jamshoro
MEMBER

Qamaruddin Solangi
Divisional Accounts Officer,
Thar Coal Water Works
Division, Mirpurkhas
MEMBER

BID EVALUATION REPORT

1	Name of Proguring Agency	Executive Engineer Thar Coal Water Works Division Mirpurkhas
2	Tender Reference No.	SC/G-148/439 dated 09.11.2016.
3	Name of Work	Supplying & Fixing New 2 x 2.5 MW HFO GTG Open Cycle Power Project at Nabisar-Thar District Province of Sindh.
4	Method of Procurement	Single Stage-Two Envelop Procedure
5	Tender Published	Published in daily News paper Express Karachi dated 17.11.2016, Daily Dawn Karachi dated 18.11.2016, Daily Times dated 18.11.2016,Daily Awami Awaz dated 18.11.2016, Daily Intakhab dated 18.11.2016,Daily Khabreen dated 17.11.2016 Hosted on SPPRA web site S.No 30501 dated 16.11.2016
6	Total Bid Documents Sold	4
7	Total Bid Received	4
8	Technical Bid Opening Date	25.01.2017
9	No.of Bid Technicaly Qualified	0
10	Bid (s) Rejected	0
11	Financial Bid Opening Date	25.01.2017
12	Evaluation.	

Sno.	Name of firm Bidder	Cost offered by the Bidder (M)	Ranking in term of Cost	Comparision with estimate cost	Reasons for acceptance / Rejection	Remarks
1	M/S M.B.C & Sons Builders & Developers.	1174.430	2nd	19.76% Above	-	
2	M/S Madni Engineering Construction Company	1194.420	3rd	21.80% Above	-	
3	M/S Hafiz Rab Nawaz & Co	1250.000	4th	27.47% Above	-	
4	M/S Thadani Enterprises.	1159.600	Ist	18.25% Above	Ist Lowest Hence accepted	

Haji Khan Jamali
Superintending Engineer
Thar Coal Water Works Circle
Mirpurkhas/Chairmen

Muhammad Faheem Soomro
Executive Engineer
Thar Coal Water Works
Division Mirpurkhas/Member

Muhammad Alam Rahpoto
Executive Engineer
Water Carrier Works Division
Mirpurkhas/Member

Shafique Hussain Memon
Executive Engineer
Public Health Engineering
Division Jamshoro/Member

Qamaruddin Solangi
Divisional Accounts officer
Thar Coal Water Works Division
Mirpurkhas/Member

TECHNICAL EVALUATION REPORT

Short listing of contractors for constriction of HFO generator water supply scheme at Nabisar for Thar Coal Power Plant for 2x2.5 MW Power generation capacity @ Nabisar for water carrier from LBOD to Nabisar .

Qualification Criteria

M/s Thadani Enterprises.

Sr.	Category	Mark assigned	Marks Obtained
1.	Experience record	35	15
2.	Personal capabilities	15	14
3.	Equipment capabilities	20	16
4.	Financial soundness	30	29
	Total	**100**	74

Note:- Qualification status shall be decided on Pass/Fail basis. The applicant must secure at least 60% score in each category.

Divided into packages the user may do the same however decide the packages keeping in view of interfacing and co-ordi result of smaller packaging of a Project.

iv) Under para 7 of Invitation for Pre-qualification, minimum re have to be specified. For guidance, the following may be considered; however the Employer/User can fix his own criteria depending upon nature, size and requirements of the specific projects. An example merely as guideline is given hereinafter for reference of users of this document.

a) General Experience

Sr.No	Description	Mark assigned	Marks Obtained
a)	Projects of similar nature and complexity Completed in last ten years.	15	3
b)	Projects of similar nature and complexity in-hand during last 3 years.	10	2
c)	Electrical works carried out during last 3 years by the sub-contractor / JV partner	5	5
	Registration record with Pakistan Engineering Council	5	5
Total Marks Allocated		**35**	15

b) Personnel Capabilities

Requirement of Employer/User will be varied from Project to Project. However following factors may be used as a guideline:

Sr.No	Description	Mark assigned	Marks Obtained
1.	B.Sc Engineers registered with Pakistan Engineering Council (PEC)	9	9
ii)	Associates Engineer (D.A.E)	6	5
Total Marks Allocated		15	14

c). <u>Equipment Capability</u>

Critical equipment required for the Project shall be specified by the User/Employer under para 3.2.4 (a). High value equipment should be an option to purchase, lease or hire.

Sr.No	Description	Mark assigned	Marks Obtained
1.	Equipment Capability	20	16
Total Marks Allocated		20	16

d) **Financial Soundness**

For Financial Status assessment, the Applicants may be required to submit Audited financial statements for the last five years or any other document which verifies their Financial Status..

Employer/User may amend para 3.2.5 of Instruction to Applicants in accordance with Project requirements and the minimum essential requirements mentioned in Invitation for Pre-qualifications.

- The following may be used merely as a guideline

Sr.No	Description	Mark assigned	Marks Obtained
a.	Available Bank Credit Line	5	4
b.	Working Capital in last 3 years	5	5
c.	Registration with income tax department	5	5
d.	Copy of Valid electrical license from Sub-Contractor/ JV Partner	5	5
e.	Copy of Valid electrical license from Sub-Contractor/ JV Partner	5	5
f.	Blacklisting from any agency	5	5
Total Marks Allocated		**30**	29

TECHNICAL EVALUATION REPORT

Short listing of contractors for constriction of HFO generator water supply scheme at Nabisar for Thar Coal Power Plant for 2x2.5 MW Power generation capacity @ Nabisar for water carrier from LBOD to Nabisar .

Qualification Criteria

M/S M.B.C & Sons Builders & Developers.

Sr.	Category	Mark assigned	Marks Obtained
1.	Experience record	35	12
2.	Personal capabilities	15	13
3.	Equipment capabilities	20	15
4.	Financial soundness	30	22
	Total	**100**	62

Note:- Qualification status shall be decided on Pass/Fail basis. The applicant must secure at least 60% score in each category.

Divided into packages the user may do the same however decide the packages keeping in view of interfacing and co-ordi result of smaller packaging of a Project.

iv) Under para 7 of Invitation for Pre-qualification, minimum re have to be specified. For guidance, the following may be considered; however the Employer/User can fix his own criteria depending upon nature, size and requirements of the specific projects. An example merely as guideline is given hereinafter for reference of users of this document.

a) General Experience

Sr.No	Description	Mark assigned	Marks Obtained
a)	Projects of similar nature and complexity Completed in last ten years.	15	01
b)	Projects of similar nature and complexity in-hand during last 3 years.	10	01
c)	Electrical works carried out during last 3 years by the sub-contractor / JV partner	5	05
	Registration record with Pakistan Engineering Council	5	05 C-1, Spec: CE-01, CE-04 CE-09, CE-10.
Total Marks Allocated		**35**	12

b) Personnel Capabilities
Requirement of Employer/User will be varied from Project to Project.
However following factors may be used as a guideline:

Sr.No	Description	Mark assigned	Marks Obtained
1.	B.Sc Engineers registered with Pakistan Engineering Council (PEC)	9	9
ii)	Associates Engineer (D.A.E)	6	4
Total Marks Allocated		15	13

c). <u>Equipment Capability</u>

Critical equipment required for the Project shall be specified by the User/Employer under para 3.2.4 (a). High value equipment should be an option to purchase, lease or hire.

Sr.No	Description	Mark assigned	Marks Obtained
1.	Equipment Capability	20	15
Total Marks Allocated		20	15

d) **Financial Soundness**

For Financial Status assessment, the Applicants may be required to submit Audited financial statements for the last five years or any other document which verifies their Financial Status..

Employer/User may amend para 3.2.5 of Instruction to Applicants in accordance with Project requirements and the minimum essential requirements mentioned in Invitation for Pre-qualifications.

- The following may be used merely as a guideline

Sr.No	Description	Mark assigned	Marks Obtained
a.	Available Bank Credit Line	5	5
b.	Working Capital in last 3 years	5	3
c.	Registration with income tax department	5	5
d.	Copy of Valid electrical license from Sub-Contractor/ JV Partner	5	2
e.	Copy of Valid electrical license from Sub-Contractor/ JV Partner	5	2
f.	Blacklisting from any agency	5	5
Total Marks Allocated		**30**	22

TECHNICAL EVALUATION REPORT

Short listing of contractors for constriction of HFO generator water supply scheme at Nabisar for Thar Coal Power Plant for 2x2.5 MW Power generation capacity @ Nabisar for water carrier from LBOD to Nabisar .

Qualification Criteria

M/s Madni Engineering Construction Co.

Sr.	Category	Mark assigned	Marks Obtained
1.	Experience record	35	18
2.	Personal capabilities	15	07
3.	Equipment capabilities	20	16
4.	Financial soundness	30	20
	Total	**100**	61

Note:- Qualification status shall be decided on Pass/Fail basis. The applicant must secure at least 60% score in each category.

Divided into packages the user may do the same however decide the packages keeping in view of interfacing and co-ordi result of smaller packaging of a Project.

iv) Under para 7 of Invitation for Pre-qualification, minimum re have to be specified. For guidance, the following may be considered; however the Employer/User can fix his own criteria depending upon nature, size and requirements of the specific projects. An example merely as guideline is given hereinafter for reference of users of this document.

a) General Experience

Sr.No	Description	Mark assigned	Marks Obtained
a)	Projects of similar nature and complexity Completed in last ten years.	15	—
b)	Projects of similar nature and complexity in-hand during last 3 years.	10	8
c)	Electrical works carried out during last 3 years by the sub-contractor / JV partner	5	5
	Registration record with Pakistan Engineering Council	5	5 C-2, Spec: CE-01, CE-04 CE-09, CE-10, EE-11, ME-06
Total Marks Allocated		**35**	18

b) Personnel Capabilities

Requirement of Employer/User will be varied from Project to Project. However following factors may be used as a guideline:

Sr.No	Description	Mark assigned	Marks Obtained
1.	B.Sc Engineers registered with Pakistan Engineering Council (PEC)	9	7
ii)	Associates Engineer (D.A.E)	6	—
Total Marks Allocated		15	7

c). <u>Equipment Capability</u>

Critical equipment required for the Project shall be specified by the User/Employer under para 3.2.4 (a). High value equipment should be an option to purchase, lease or hire.

Sr.No	Description	Mark assigned	Marks Obtained
1.	Equipment Capability	20	16
Total Marks Allocated		20	16

d) **Financial Soundness**

For Financial Status assessment, the Applicants may be required to submit Audited financial statements for the last five years or any other document which verifies their Financial Status..

Employer/User may amend para 3.2.5 of Instruction to Applicants in accordance with Project requirements and the minimum essential requirements mentioned in Invitation for Pre-qualifications.

- The following may be used merely as a guideline

Sr.No	Description	Mark assigned	Marks Obtained
a.	Available Bank Credit Line	5	—
b.	Working Capital in last 3 years	5	—
c.	Registration with income tax department	5	5
d.	Copy of Valid electrical license from Sub-Contractor/ JV Partner	5	5
e.	Copy of Valid electrical license from Sub-Contractor/ JV Partner	5	5
f.	Blacklisting from any agency	5	5
Total Marks Allocated		30	20

TECHNICAL EVALUATION REPORT

Short listing of contractors for constriction of HFO generator water supply scheme at Nabisar for Thar Coal Power Plant for 2x2.5 MW Power generation capacity @ Nabisar for water carrier from LBOD to Nabisar .

Qualification Criteria

M/S Hafiz Rab Nawaz & Co.

Sr.	Category	Mark assigned	Marks Obtained
1.	Experience record	35	14
2.	Personal capabilities	15	12
3.	Equipment capabilities	20	16
4.	Financial soundness	30	20
	Total	**100**	62

Note:- Qualification status shall be decided on Pass/Fail basis. The applicant must secure at least 60% score in each category.

Divided into packages the user may do the same however decide the packages keeping in view of interfacing and co-ordi result of smaller packaging of a Project.

iv) Under para 7 of Invitation for Pre-qualification, minimum re have to be specified. For guidance, the following may be considered; however the Employer/User can fix his own criteria depending upon nature, size and requirements of the specific projects. An example merely as guideline is given hereinafter for reference of users of this document.

a) General Experience

Sr.No	Description	Mark assigned	Marks Obtained
a)	Projects of similar nature and complexity Completed in last ten years.	15	02
b)	Projects of similar nature and complexity in-hand during last 3 years.	10	02
c)	Electrical works carried out during last 3 years by the sub-contractor / JV partner	5	05
	Registration record with Pakistan Engineering Council	5	05 CA spec: CE-01, CE-04, CE-09, CE-10, ME-07
Total Marks Allocated		**35**	

b) Personnel Capabilities
Requirement of Employer/User will be varied from Project to Project.
However following factors may be used as a guideline:

Sr.No	Description	Mark assigned	Marks Obtained
1.	B.Sc Engineers registered with Pakistan Engineering Council (PEC)	9	06
ii)	Associates Engineer (D.A.E)	6	06
Total Marks Allocated		15	12

c). <u>Equipment Capability</u>

Critical equipment required for the Project shall be specified by the User/Employer under para 3.2.4 (a). High value equipment should be an option to purchase, lease or hire.

Sr.No	Description	Mark assigned	Marks Obtained
1.	Equipment Capability	20	16
Total Marks Allocated		20	16

d) **Financial Soundness**

For Financial Status assessment, the Applicants may be required to submit Audited financial statements for the last five years or any other document which verifies their Financial Status..

Employer/User may amend para 3.2.5 of Instruction to Applicants in accordance with Project requirements and the minimum essential requirements mentioned in Invitation for Pre-qualifications.

- The following may be used merely as a guideline

Sr.No	Description	Mark assigned	Marks Obtained
a.	Available Bank Credit Line	5	05
b.	Working Capital in last 3 years	5	05
c.	Registration with income tax department	5	05
d.	Copy of Valid electrical license from Sub-Contractor/ JV Partner	5	—
e.	Copy of Valid electrical license from Sub-Contractor/ JV Partner	5	—
f.	Blacklisting from any agency	5	05
Total Marks Allocated		30	20

MINUTES OF MEETING OF TENDER OPENING COMMITTEE TECHANICAL BID.

Name of Work:- Supllying & Fixing New 2 x 2.5 MW HFO GTG.
Date of Opening:- 25.01.2017.

1. Mr.Haji Khan Jamali Superintending Engineer Thar Coal Water Works Circle Mirpurkhas. (chairmen).
2. Mr.Muhammad Faheem Soomro Executive Engineer Thar Coal Water Works Division Mirpurkhas. Secretary/Member
3. Mr.Muhammad Alam Rahpoto Executive Engineer Water Carrier Works Division Mirpurkhas. (Member).
4. Mr.Shafique Hussain Memon Executive Engineer Public Health Engineering Division Jamshoro. (Member).
5. Mr.Qamaruddin Solangi Divisional Accounts Officer Thar Coal Water Works Division Mirpurkhas. (Member).
6. Mr.Tarique Aziz Channa of M/S M.B.C & Sons Builders & Developers.
7. Mr.Abdul Qudoos Chachar of M/S Hafiz Rab Nawasz Construction Company.
8. Mr.Mansoor Iqbal Sheikh of M/S Madni Engineering Construction Company.
9. Mr. Ashok Thadani of Thadani Enterprises.

The sealed Technical Proposals for the above noted work opened before the Tender Opening Committee M/S M.B.C & Sons Builder & Developer obtained 62 Pionts out of 100 Pionts the Minimum Pionts are 60 Pionts for pass.

The sealed Technical Proposals for the above noted work opened before the Tender Opening Committee M/S Hafiz Rab Nawaz Construction Co obtained 62 Pionts out of 100 Pionts the Maximum Pionts are 60 Pionts for pass.

(P-02)

The sealed Technical Proposals for the above noted work opened before the Tender opening committee M/S Madni Engineering Construction Co obtained 61 Points out of 100 Points the Maximum Points are 60 Points for pass.

The sealed Technical Proposals for the above noted work opened before the Tender opening committee M/S Thadani Enterprises obtained 74 Points out of 100 Points the Maximum Points are 60 Points for pass.

(Haji Khan Jamali)
Superintending Engineer
Thar Coal Water Works Circle
Mirpurkhas.

Muhammad Faheem Soomro
Executive Engineer
Thar Coal Water Works Division
Mirpurkhas
Member/Secretary

Muhammad Alam Rahpoto
Executive Engineer
Water Carrier Works Division
Mirpurkhas/Member

Shafique Hussain Memon
Executive Engineer
Public Health Engineering
Division Jamshoro Member

Qamaruddin Solangi
Divisional Accounts Officer
Thar Coal Water Works Division
Member Mirpurkhas

COMPARATIVE STATEMENT

COMPARATIVE STATEMENT FOR THE WORK SUPPLYING & FIXING NEW 2 X 2.5 MW HFO GTG OPEN CYCLE POWER PROJECT AT NABISAR THAR DISTRICT PROVINCE OF SINDH.

S.No	Name of Builder	Bid Cost	Estimated Cost	Above/Below	Remarks
1	M/S MBC & Sons Builders & Developers	1174.43 Million	980.624 Million	19.76% above	CD NO: 05794416 UBL Seaview Branch Karachi Rs: 23,188,712/=
2	M/S Madni Engineering Construction Company	1194.42 Million	980.624 Million	21.80% above	CD NO: 0149653 JS Bank citizen colony Branch Hyderabad. Rs: 23,888,436/=
3	M/S Hafiz Rab Nawaz Construction Company	1250.0 Million	980.624 Million	27.47% above	CD NO: 10831957 ABL Kasim Nagar Br Hyderabad Rs: 25000000/=
4.	M/s Thadani Enterprises	1159.600 Million	980.624 Million	18.25% above.	CD NO: 6379 Rs:- 15,000,000/- CD NO: 6380 Rs: 8,000,000/- CD NO: 6382 Rs: 500,000/- Total Rs: 23500000/- Summit Bank Hyd: Branch.

Haji Khan Jamali
Superintending Engineer
Thar Coal Water Works Circle
Mirpurkhas/Chairman

Muhammad Faheem Soomro
Executive Engineer
Thar Coal Water Works Division
Mirpurkhas Secretary/Member

Muhammad Alam Rahpoto
Executive Engineer
Water Carrier Works Division
Mirpurkhas Member

Shafique Hussain Memon
Executive Engineer
Public Heath Engineering Division
Jamshoro Member

Qamaruddin Solangi
Divisional Accounts Officer
Thar Coal Water Works Division
Mirpurkhas/Member

MINUTES OF MEETING OF TENDER OPENING COMMITTEE FINANCIAL BID.

Name of Work:- Supllying & Fixing New 2 x 2.5 MW HFO GTG.
Date of Opening:- 25.01.2017.

1. Mr.Haji Khan Jamali Superintending Engineer Thar Coal Water Works Circle Mirpurkhas. (chairmen).
2. Mr.Muhammad Faheem Soomro Executive Engineer Thar Coal Water Works Division Mirpurkhas. Secretary/Member
3. Mr.Muhammad Alam Rahpoto Executive Engineer Water Carrier Works Division Mirpurkhas. (Member).
4. Mr.Shafique Hussain Memon Executive Engineer Public Health Engineering Division Jamshoro. (Member).
5. Mr.Qamaruddin Solangi Divisional Accounts Officer Thar Coal Water Works Division Mirpurkhas. (Member).
6. Mr.Tarique Aziz Channa of M/S M.B.C & Sons Builders & Developers.
7. Mr.Abdul Qudoos Chachar of M/S Hafiz Rab Nawasz Construction Company.
8. Mr.Mansoor Iqbal Sheikh of M/S Madni Engineering Construction Company.
9. Mr. Ashok Thadani of Thadani Enterprises.

The sealed Financial Proposals for the above noted work opened before the Tender Opening Committee M/S M.B.C & Sons Builder & Developer submit his bid cost amounting to Rs.1174.430 Million 19.72% above the Engineers Estimate with call deposite No.05794416 dated 04.01.2017 of United Bank Sea view Branch Karachi amounting to Rs.23,488,712/-.

The sealed Financial Proposals for the above noted work opened before the Tender Opening Committee M/S Madni Engineering Construction Company submit his bid cost amounting to Rs.1194.420 Million 21.80% above the Engineers Estimate with call deposite No.0149653 dated 04.01.2017 of JS Bank Citizen Colony Branch Hyderabad amounting to Rs.23,888,436/-.

The sealed Financial Proposals for the above noted work opened before the Tender Opening Committee M/S Hafiz Rab Nawaz Construction Company submit his bid cost amounting to Rs.1250.0 Million 27.47% above the Engineers Estimate with call deposite No.10831957 dated 04.01.2017 of Allied Bank Limited Nasim Nagar Branch Hyderabad amounting to Rs.25,000,000/-.

The sealed Financial Proposals for the above noted work opened before the Tender Opening Committee M/S Thadani Enterprises submit his bid cost amounting to Rs.1159.600 Million 18.25% above the Engineers Estimate with call deposite No.6379 of Rs.15,000,000/-,6380 of Rs.8,000,000/- &,6382 of Rs.500,000/- Total 23,500,000/-dated 16.01.2017 of Summit Bank Hyderabad Branch.

M/S Thadani Enterprises submit the Financial proposal of Rs.1159.600 Million 18.25% above the Engineers Estimate which is lowest and tender opening committee submit the bid for approval to competant authority.

(Haji Khan Jamali)
Superintending Engineer
Thar Coal Water Works Circle
Mirpurkhas.

Muhammad Faheem Soomro
Executive Engineer
Thar Coal Water Works Division
Mirpurkhas
Member/Secretary

Muhammad Alam Rahpoto
Executive Engineer
Water Carrier Works Division
Mirpurkhas/Member

Shafique Hussain Memon
Executive Engineer
Public Health Engineering Division
Jamshoro/ Member

Qamaruddin Solangi
Divisional Accounts Officer
Thar Coal Water Works Division
Mirpurkhas/ Member

COMPARATIVE STATEMENT

COMPARATIVE STATEMENT FOR THE WORK SUPPLYING & FIXING NEW 2 X 2.5 MW HFO GTG OPEN CYCLE POWER PROJECT AT NABISAR THAR DISTRICT PROVINCE OF SINDH.

SNO	Name of Bidder	Bid Cost	Estimated Cost	Above/Below the Estimate	Remarks
1	M/S M.B.C & Sons Builders & Developers	1174.430 Million	980.624 Million	19.76% Above	
2	M/S Madni Engineering Construction Company	1194.420 Million	980.624 Million	21.80% Above	
3	M/S Hafiz Rab Nawaz Construction Company	1250.000 Million	980.624 Million	27.47% Above	
4	M/S Thadani Enterprises.	1159.600 Million	980.624 Million	18.25% Above	**Lowest**

SUBMITTED:- The Bids were called by the Executive Engineer Thar Coal Water Works Division Mirpurkhas vide his office letter No. SC/G-148/439 dated 09.11.2016. Published in daily News paper Express Karachi dated 17.11.2016, Daily Dawn Karachi dated 18.11.2016, Daily Times dated 18.11.2016,Daily Awami Awaz dated 18.11.2016, Daily Intakhab dated 18.11.2016,Daily Khabreen dated 17.11.2016 Hosted on SPPRA web site S.No 30501 dated 16.11.2016 with the date of issue and opening is 31.12.2016 & 05.01.2017 respectively & correngdum issued and tbe date of submission & opening is fixed on 25.01.2017 opened by the Tender opening Committee in the office of the Superintending Engineer Thar Coal Water Works Mirpurkhas on the same day at 3.0 PM in the presence of the intending firms / contractors.The (04) Contractors have been purchased the bidding document and among them M/S Thadani Enterprises has qouted the amount to Rs.1159.600 Million which is 18.25% above the Estimate Cost.Because the bidder is lowest cost hence approval for contract award.The competency to sanction the tender is Project Director Thar Coal Water Works @ Mirpurkhas. If approved the tender of the lowest contractor may be prepared and sent for favour of check, sanction & early return for taking further necessary action.

Haji Khan Jamali
Superintending Engineer
Thar Coal Water Works Circle
Mirpurkhas/Chairmen

Muhammad Faheem Soomro
Executive Engineer
Thar Coal Water Works
Division Mirpurkhas/Member

Muhammad Ilam Rahpoto
Executive Engineer
Water Carrier Works Division
Mirpurkhas/Member

Shafique Hussain Memon
Executive Engineer
Public Health Engineering
Division Jamshoro/Member

Qamaruddin Solangi
Divisional Accounts officer
Thar Coal Water Works Division
Mirpurkhas/Member

BIDDERS QUALIFICATION REPORT

Name of Work:-Supplying & Fixing New 2 x 2.5 MW HFO GTG Open Cycle Power Project at Nabisar-Thar District Province of Sindh.

S.No	Name of Bidder	Registration with Incom Tax and Engineering Council	NTN No	Annual Turn Over	Provide minimum experience	Affidavit/Undertaking regarding firm never been black listed
1	M/S M.B.C & Sons Builders & Developers	Yes	Yes Provide	Provided	Provided 10 years	Yes Provided
2	M/S Madni Engineering Construction Company	Yes	Yes Provide	Provided	Provided 10 years	Yes Provided
3	M/S Hafiz Rab Nawaz Construction Company	Yes	Yes Provide	Provided	Provided 10 years	Yes Provided
4	M/S Thadani Enterprises.	Yes	Yes Provide	Provided	Provided 10 years	Yes Provided

Haji Khan Jamali
Superintending Engineer
Thar Coal Water Works Circle
Mirpurkhas/Chairmen

Muhammad Faheem Soomro
Executive Engineer
Thar Coal Water Works
Division Mirpurkhas/Member

Muhammad Alam Rahpoto
Executive Engineer
Water Carrier Works Division
Mirpurkhas/Member

Shafique Hussain Memon
Executive Engineer
Public Health Engineering
Division Jamshoro/Member

Qamaruddin Solangi
Divisional Accounts officer
Thar Coal Water Works Division
Mirpurkhas/Member

روزنامہ ایکسپریس، کراچی۔ جمعرات، 17 نومبر، 2016ء

DAILY EXPRESS

روزنامہ ایکسپریس کراچی

پاکستان کے 11 شہروں سے بیک وقت شائع ہونے والا واحد اخبار

دفتر ایگزیکٹو انجینئر تھرکول واٹر ورکس ڈویژن میرپورخاص

No.SC/G-148/439 of 2016 Mirpurkhas Dated: 09-11-2016

ٹینڈر طلبی نوٹس

SPPRA رول 2010 (ترمیم شدہ 2013) کی روشنی میں (Lump Sum فکسڈ پرائس کی بنیاد پر EPC فرمی کنٹریکٹ) پر مندرجہ ذیل کام کی پروکیورمنٹ / تکمیل کیلئے دلچسپی کے حامل افراد / سپلائرز / کنٹریکٹرز / فرمز سے SPP رول 2010 (ترمیم شدہ 2013) شق 5.2(ii) کے تحت سربمہر ٹینڈرز مطلوب ہیں۔

نمبر شمار	کاموں کے نام	بولی کی رقم کا زربیعانہ	ٹینڈر فیس	مدت
1۔	تھرپارکر ضلع صوبہ سندھ میں نیو 2x2.5MW HFO GTG اوپن سائیکل پاور پروجیکٹ کی فراہمی و تنصیب	2%	3000	407ء

تمام کنٹریکٹرز / دلچسپی کی حامل شرکت کرنے والی فرمز سادہ ٹینڈرز، ہر کام کیلئے ٹینڈر فیس کی ادائیگی پر NIT کی اخبارات / SPPRA ویب سائٹ پر اشاعت کی تاریخ سے 31-12-2016 تک خرید سکتی ہیں۔ یہ 05-01-2017 کو دوپہر 01:00 بجے تک وصول کئے جائیں گے۔ بڈنگ کنٹریکٹرز اور کمیٹی کی موجودگی میں اسی دن بوقت دوپہر 02:00 بجے کھولی جائیں گی۔

2۔ دلچسپی کے حامل شرکاء کیلئے شرائط اہلیت درج ذیل ہیں:

i) اسپیشلائزیشن آف ورک کے متعلقہ شعبے میں (سال 2016 کیلئے قابل معیاد) پاکستان انجینئرنگ کونسل سے رجسٹریشن

ii) فرم میں کام کرنے والے انجینئرز اور ٹیکنیکل اسٹاف کے کوائف

iii) زیر تکمیل / تکمیل شدہ کام کا دستاویزی ثبوت اور آجران کی جانب سے کام کے تسلی بخش تکمیل کا سرٹیفکیٹ

iv) ہر کام کی مالیت کی صراحت کیساتھ جاری کام کی فہرست اور لیٹر آف ایوارڈ آف ورک کی کاپی

v) مشروط اور ٹیلی گرافک ٹینڈرز زیر غور نہیں لایا جائے گا۔

vi) اگر کام کے حوالے سے کسی بھی قسم کی گفتگو درکار ہوں تو بڈنگ دستاویزات کے جمع کرانے کے 28 دنوں کے اندر گفتگو کرلیں۔

3۔ محکمہ انکم ٹیکس سے رجسٹریشن (NTN سرٹیفکیٹس) اور NIC کی نقل

4۔ اس بات کا حلف نامہ کہ فرم کسی تنازعے میں ملوث نہیں رہی یا اداروں میں کوئی کام ادھورا نہیں چھوڑا۔

5۔ بولی دہندہ کو ہر کام کے مقابل صراحت کردہ زر بیعانہ پے آرڈر کال ڈپازٹ جو شیڈولڈ بینک سے زیر تحصیلی کے نام تیار کردہ ہو، جمع کرانا ہوگا۔

6۔ اس بات کا حلف نامہ کہ فرم / کنٹریکٹر کسی ایگزیکٹو ایجنسی کی جانب سے ماضی میں بلیک لسٹ نہیں رہے۔

7۔ اس بات کا حلف نامہ کہ پیش کردہ تمام دستاویزات / تفصیلات / معلومات بالکل صحیح اور درست ہیں۔

8۔ فرم کی صحت میں پاور آف اٹارنی کے ہمراہ ایگزیکٹرز / پروپرائٹر یا دیگر متعلقین کی مکمل تفصیلات دیتے ہوئے پارٹنرز کی فہرست / پارٹنرشپ ڈیڈ سول پروپرائٹر کی صورت میں اس طرح کی یقین دہانی حلف نامہ پر پیش کی جائے۔

9۔ مقررہ وقت کے بعد ٹینڈرز وصول نہیں کئے جائیں گے۔

10۔ PC-I میں شق کے مطابق بولی کی قیمت Rs.650.0 ملین سے زائد نہیں ہوگی۔

ٹینڈرز کے قواعد و ضوابط

(I) مشروط ٹینڈرز زیر غور نہیں لائے جائیں گے۔

(II) کال ڈپازٹ کے بغیر ٹینڈرز زیر غور نہیں لایا جائے گا۔

(III) SPP رولز 2010 / ترمیم شدہ 2013 کی متعلقہ شق سے مشروط پروکیورنگ ایجنسی تمام یا کسی بھی بڈ کو مسترد کرسکتی ہے۔

(IV) پروکیورمنٹ کمیٹی کے کسی رکن کے ہیڈ کوارٹر سے باہر ہونے کی صورت میں بڈز اس آئندہ کام والے دن دیئے گئے شیڈول کے مطابق جمع کرائی اور کھولی جائیں گی۔

ایگزیکٹو انجینئر
تھرکول واٹر ورکس ڈویژن
میرپورخاص

INF-KRY:NO.4305/16

چیف ایڈیٹر: ضیا شاہد

روزنامہ خبریں
Daily KHABRAIN

ایڈیٹر: امتنان شاہد

جمعۃ المبارک 17 صفر المظفر 1438، 18 نومبر 2016، 4 مگھر 2073 ب

دفتر ایگزیکٹو انجینئر تھر کول واٹر ورکس ڈویژن میر پور خاص

No.SC/G-148/439 of 2016 Mirpurkhas Dated: 09-11-2016

ٹینڈر طلبی نوٹس

SPPRA رول 2010 (ترمیم شدہ 2013) کی روشنی میں (Lump Sum) لمسپ پرائس کی بنیاد پر EPC ٹرنکی کنٹریکٹ) پر مندرجہ ذیل کام کی پروکیورمنٹ / تکمیل کیلئے دلچسپی کے حامل افراد / سپلائرز / کنٹریکٹرز / فرموں سے SPP رول 2010 (ترمیم شدہ 2013) شق 5.2(ii) کے تحت سربمہر ٹینڈرز مطلوب ہیں۔

نمبر شمار	کاموں کے نام	بولی کی رقم کا زر بیعانہ	ٹینڈر فیس	مدت
1-	میسار تھر ضلع صوبہ سندھ میں نیو 2x2.5MW HFO GTG اوپن سائیکل پاور پروجیکٹ کی فراہمی و تنصیب	2%	3000	07ماہ

تمام کنٹریکٹرز / دلچسپی کی حامل شرکت کرنے والی فرمز سادہ ٹینڈرز ہر کام کیلئے ٹینڈر فیس کی ادائیگی پر NIT کی اخبارات / SPPRA ویب سائٹ پر اشاعت کی تاریخ سے 31-12-2016 تک خرید سکتی ہیں۔ یہ 05-01-2017 کو دوپہر 01:00 بجے تک وصول کیے جائیں گے اور کنٹریکٹرز اور کمیٹی کی موجودگی میں اسی دن بوقت دوپہر 02:00 بجے کھولی جائیں گی۔

2- دلچسپی کے حامل شرکاء کیلئے شرائط اہلیت درج ذیل ہیں:

i) اسپیشلائزیشن آف ورک کے متعلقہ شعبے میں (سال 2016 کیلئے قابل میعاد) پاکستان انجینئرنگ کونسل سے رجسٹریشن

ii) فرم میں کام کرنے والے انجینئرز اور ٹیکنیکل اسٹاف کی فہرست

iii) زیر تکمیل / تکمیل شدہ کام کا دستاویزی ثبوت اور آجر کی جانب سے کام کے تسلی بخش تکمیل کا سرٹیفکیٹ

iv) ہر کام کی مالیت کی صراحت کیساتھ جاری کام کی فہرست اور لیٹر آف ایوارڈ آف ورک کی کاپی

v) مشروط اور ٹیلی گرافک ٹینڈرز زیر غور نہیں لایا جائے گا

vi) اگر کام کے حوالے سے کسی بھی قسم کی گفتگو درکار ہوں تو بڈنگ دستاویزات کے جمع کرانے کے 28 دنوں کے اندر گفتگو کریں۔

3- محکمہ انکم ٹیکس سے رجسٹریشن (NTN سرٹیفکیٹ) اور NIC کی نقل۔

4- اس بات کا حلف نامہ کہ فرم کسی تنازعے میں ملوث نہیں رہی یا ادارے میں کوئی کام ادھورا نہیں چھوڑا۔

5- بولی دہندہ کو ہر کام کے مقابل صراحت کردہ زر بیعانہ بشکل کال ڈپازٹ جو شیڈولڈ بینک سے زیر دستخطی کے نام تیار کردہ ہو، جمع کرانا ہوگا۔

6- اس بات کا حلف نامہ کہ فرم / کنٹریکٹر کسی ایگزیکٹو ایجنسی کی جانب سے ماضی میں بلیک لسٹ نہیں رہے۔

7- اس بات کا حلف نامہ کہ پیش کردہ تمام دستاویزات / تفصیلات / معلومات بالکل صحیح اور درست ہیں۔

8- فرم کی صورت میں پاور آف اٹارنی کے ہمراہ ڈائریکٹرز / پروپرائٹرز یا دیگر متعلقین کی مکمل تفصیلات دیتے ہوئے پارٹنرز کی فہرست / پارٹنرشپ ڈیڈ، سول پروپرائٹر کی صورت میں اس طرح کی یقین دہانی حلف نامہ پر پیش کی جائے۔

9- مقررہ وقت کے بعد ٹینڈرز وصول نہیں کیے جائیں گے۔

10- PC-I میں شق کے مطابق بولی کی قیمت Rs.650.0 ملین سے زائد نہیں ہوگی۔

ٹینڈرز کے قواعد و ضوابط

(I) مشروط ٹینڈرز زیر غور نہیں لائے جائیں گے۔

(II) کال ڈپازٹ کے بغیر ٹینڈرز زیر غور نہیں لایا جائے گا۔

(III) SPP رولز 2010 / ترمیم شدہ 2013 کی متعلقہ شق سے مشروط پروکیورنگ ایجنسی تمام یا کسی پیشکش کو مسترد کر سکتی ہے۔

(IV) پروکیورمنٹ کمیٹی کے کسی رکن کے ہیڈ کوارٹر سے باہر ہونے کی صورت میں پیشکشیں آئندہ کام والے دن دیے گئے شیڈول کے مطابق جمع کرائی اور کھولی جائیں گی۔

ایگزیکٹو انجینئر
تھر کول واٹر ورکس ڈویژن
میر پور خاص

INF-KRY:NO.4305/16

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باقاعدہ تصدیق شدہ اشاعت (ABC CERTIFIED) سندھ اور بلوچستان کا کثیر الاشاعت روزنامہ
روزنامہ انتخاب کراچی
Daily INTEKHAB Karachi
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جلد نمبر 23 | بروز جمعۃ المبارک 18 نومبر 2016ء بمطابق 17 صفر المظفر 1438ھ | شمارہ نمبر 318

دفتر ایگزیکٹو انجینئر تھر کول واٹر ورکس ڈویژن میرپورخاص

No.SC/G-148/439 of 2016 Mirpurkhas Dated: 09-11-2016

ٹینڈر طلبی نوٹس

SPPRA رول 2010 (ترمیم شدہ 2013) کی روشنی میں Lump Sum لمپ سم پرائس کی بنیاد پر EPC (ٹرنکی کنٹریکٹ) پر مندرجہ ذیل کام کی پروکیورمنٹ / تکمیل کیلئے دلچسپی کے حامل افراد / سپلائرز / کنٹریکٹرز / فرموں سے SPP رول 2010 (ترمیم شدہ 2013) شق 5.2(ii) کے تحت سربمہر ٹینڈرز مطلوب ہیں۔

نمبر شمار	کاموں کے نام	بولی کی رقم کا زربیعانہ	ٹینڈر فیس	مدت
1۔	مسیار تھر ضلع صوبہ سندھ میں تھر 2x2.5MW HFO GTG اوپن سائیکل پاور پروجیکٹ کی فراہمی و تنصیب	2%	3000	07 ماہ

تمام کنٹریکٹرز / دلچسپی کی حامل شرکت کرنے والی فرم سادہ ٹینڈرز، ہر کام کیلئے ٹینڈر فیس کی ادائیگی پر NIT کی اخبارات / SPPRA ویب سائٹ پر اشاعت کی تاریخ سے 31-12-2016 تک خرید سکتی ہیں۔ بے 05-01-2017 کو دوپہر 01:00 بجے تک وصول کئے جائیں گے۔ بڈنگ کنٹریکٹرز اور کمیٹی کی موجودگی میں اسی دن بوقت دوپہر 02:00 بجے کھولی جائیں گی۔

2۔ دلچسپی کے حامل شرکاء کیلئے شرائط اہلیت درج ذیل ہیں:

i) اسپیشلائزیشن آف ورک کے متعلقہ شعبے میں (سال 2016 کیلئے قابل میعاد) پاکستان انجینئرنگ کونسل سے رجسٹریشن

ii) فرم میں کام کرنے والے انجینئرز اور ٹیکنیکل اسٹاف کے کوائف

iii) زیر تکمیل / تکمیل شدہ کام کا دستاویزی ثبوت اور آجران کی جانب سے کام کے تسلی بخش تکمیل کا سرٹیفکیٹ

iv) ہر کام کی مالیت کی صراحت کیساتھ جاری کام کی فہرست اور لیٹر آف ایوارڈ آف ورک کی کاپی

v) مشروط اور ٹیلی گرافک ٹینڈرز پر غور نہیں لایا جائے گا۔

vi) اگر کام کے حوالے سے کسی بھی قسم کی گفتگو درکار ہوں تو بڈنگ دستاویزات کے جمع کرانے کے 28 دنوں کے اندر گفتگو کرلیں۔

3۔ محکمہ انکم ٹیکس سے رجسٹریشن (NTN سرٹیفکیٹس) اور NIC کی نقل

4۔ اس بات کا حلف نامہ کہ فرم کسی تنازعے میں ملوث نہیں رہی یا ادارے میں کوئی کام ادھورا نہیں چھوڑا۔

5۔ بولی دہندہ کو ہر کام کے مقابل صراحت کردہ زربیعانہ بشکل کال ڈپازٹ جو شیڈولڈ بینک سے زیر دستخطی کے نام تیار کردہ ہو، جمع کرانا ہوگا۔

6۔ اس بات کا حلف نامہ کہ فرم / کنٹریکٹر کسی ایگزیکٹو ایجنسی کی جانب سے ماضی میں بلیک لسٹ نہیں رہے۔

7۔ اس بات کا حلف نامہ کہ پیش کردہ تمام دستاویزات / تفصیلات / معلومات بالکل صحیح اور درست ہیں۔

8۔ فرم کی صورت میں پاور آف اٹارنی کے ہمراہ ڈائریکٹرز / پروپرائٹر یا دیگر متعلقین کی مکمل تفصیلات دیتے ہوئے پارٹنرز کی فہرست / پارٹنرشپ ڈیڈ سول پروپرائٹر کی صورت میں اس طرح کی یقین دہانی حلف نامہ پر پیش کی جائے۔

9۔ مقررہ وقت کے بعد ٹینڈرز وصول نہیں کئے جائیں گے۔

10۔ PC-I میں شق کے مطابق بولی کی قیمت Rs.650.0 ملین سے زائد نہیں ہوگی۔

ٹینڈرز کے قواعد و ضوابط

(I) مشروط ٹینڈرز زیر غور نہیں لائے جائیں گے۔

(II) کال ڈپازٹ کے بغیر ٹینڈرز زیر غور نہیں لایا جائے گا۔

(III) SPP رولز 2010 / ترمیم شدہ 2013 کی متعلقہ شق سے مشروط پروکیورنگ ایجنسی تمام یا کسی پیشکش کو مسترد کرسکتی ہے۔

(IV) پروکیورمنٹ کمیٹی کے کسی رکن کے ہیڈکوارٹر سے باہر ہونے کی صورت میں پیشکشیں آئندہ کام والے دن دیئے گئے شیڈول کے مطابق جمع کرائی اور کھولی جائیں گی۔

ایگزیکٹو انجینئر
تھر کول واٹر ورکس ڈویژن
میرپورخاص

INF-KRY:NO.4305/16

OFFICE OF THE EXECUTIVE ENGINEER, THAR COAL WATER WORKS DIVISION MIRPURKHAS

NO. SC/G-148/439 of 2016 — Mirpurkhas, dated: 09-11-2016

NOTICE INVITING TENDER

Sealed tenders under SPP Rules 2010 (Amended 2013) Clause 5.2(ii) are invited from the interested persons / suppliers / contractors / firms for procurement / execution of the following work on EPC Turnkey Contract on Lump Sum Fixed Price Basis.

S. No.	NAME OF WORK	EARNEST MONEY	TENDER FEE	TIME ALLOWED
1.	SUPPLYING & FIXING NEW 2x2.5 MW HFO GTG OPEN CYCLE POWER PROJECT AT NABISAR - THAR DISTT. PROVINCE OF SINDH	2% OF BID AMOUNT	3000/-	7 MONTHS

All the contractors / interested participants / firms can purchase the bank tenders on payment of tender fee for each work from the date of publication of this NIT in newspapers / SPPRA website upto 31-12-2016. The same should be received on 05-01-2017 upto 1:00 PM. The bids would be opened on the same day at 02:00 PM in presence of the contractors and committee.

2. Eligibility conditions for intending participants are as under:-
   - i. Registration with Pakistan Engineering Council (Valid for the year 2016) in relevant field of specialization of work is CE-01.
   - ii. Bio-data of engineers and technical staff working with the firm.
   - iii. Documentary evidence of works executed / works in progress and certificate of satisfactory completion of works by the employers.
   - iv. List of works in progress indicating cost of each work and copy of letter of award of work.
   - v. Conditional and telegraphic tenders will not be entertained.
   - vi. If any discussion regarding the work is required which will be discussed within 28 days of submission of bidding document.
3. Registration with Income Tax Department (NTN Certificate) and copy of NIC.
4. Undertaking on stamp paper that the firm is not involved in any litigation or has abandoned any work in the department.
5. The bidder should submit earnest money as shown above in shape of call deposit prepared from the scheduled bank in the name of the undersigned.
6. Affidavit to the effect that the firm / contractor has not been blacklisted previously by any executing agency.
7. Affidavit to the effect that all documents / particulars / information furnished are true & correct.
8. In case of firm, list of partners / partnership deed, giving full particulars of directors / proprietors or other connected information along with Power of Attorney. In case of being sole proprietors such undertaking on stamp paper be furnished.
9. Tenders will not be received after the scheduled time.
10. Bid cost should not exceed Rs. 650.0 Million as per provision in PC-I.

TERMS AND CONDITIONS OF THE TENDER

(i) No conditional tenders will be entertained.
(ii) No tender without call deposit will be considered.
(iii) Procuring Agency may reject all or any bid subject to relevant provisions of SPP Rules 2010 / Amendment of 2013.
(iv) In case any member of Procurement Committee happens to be out of Headquarters, the bids shall be submitted and opened as per given schedule on the next working day.

Executive Engineer
Thar Coal Water Works Division, Mirpurkhas

INF-KRY No. 4305/16 Say No to Corruption

PID(K)1726/16

OFFICE OF THE EXECUTIVE ENGINEER, EDUCATION

AT D.C. COMPLEX KAMBER P. NO. 04-9411(

No: XEN/Edu:/(W)/-3035

PHILIP MORRIS (PAKISTAN) LIMITED

The pack prices of Philip Morris (Pakistan) Limited's following cigarette brands are revised as per the schedule below:

Brands	Effective Date	Packing	Retail Price (Rs.)	Sales Tax (Rs.)	Total Price (Rs.)
MARLBORO RED/GOLD	17-10-16	20HL	106.84	18.16	125.00
RED & WHITE KSF	02-06-16	20HL	57.26	9.74	67.00
MORVEN BY CHESTERFIELD ROYAL SMOOTH KING SIZE	09-06-16	20HL	57.26	9.74	67.00
MORVEN BY CHESTERFIELD ROYAL RICH/ROYAL SMOOTH LONG SIZE	09-06-16	20HL	57.26	9.74	67.00
PHILIP MORRIS	09-06-16	20HL	52.99	9.01	62.00

Notice Inviting Tender

Sealed tenders Under SPP Rule 2010 (Amended 2013) cluase 5.2(ii) are invited from the interested persons / suppliers / contractors/Firms for procurement / execution of the following work on (EPC turnkey contract on Lump-Sum Fixed price Basis) in the light of SPPRA rule 2010 (Amended 2013).

S#	Name of Works	Earnest Money of Bid Amount	Tender Fee	Time Allowed
1.	SUPPLYING & FIXING NEW 2X2.5 MW HFO GTG OPEN CYCLE POWER PROJECT AT NABISAR - THAR DISTT PROVINCE OF SINDH.	2%	3000	7 Month

All the contractors / interesld participant firms can purchase the blank Tenders on payment of tender fee for each work from the date of publication of NIT in News papers / SPPRA website upto 31.12.2016. The same should be received on 05.01.2017 upto 1.00 PM. The bidding would be opened on the same day @ 02:00 PM in presence of the contractors and committee.

2. Eligibility conditions for intending participants are as under:
   - i. Registration with Pakistan Engineering Council (Valid for the year 2016) in the relevant field of specialization of work is (CE-01).
   - ii. Bio data of Engineers and Technical staff working with the firm.
   - iii. Documentary evidence of works executed / works in progress and certificate of satisfactory completion of works by the employers.
   - iv. List of works in progress indicating cost of each work and copy of letter of award of work. Conditional and Telegraphic Tender will not be entertained.
   - v. List of Machinery and equipment available with documentary evidence of its ownership certificate of Bank showing credit worthiness alongwith Bank statement.
   - vi. If any dicussion regarding the work are required which will be discussed within 28 days of submission of bidding document.
3. Registration with Income Tax Department (NTN Certificates) and copy of N.I.C.
4. Under taking on Affidavit that firm is not involved in any litigation or abandoned any work in the Department.
5. The bidder should submit earnest money as shown against each work in shape of call deposit prepared from the scheduled bank in favour of the undersigned.
6. Affidavit to the effect that the Firm/Contractor have not been black listed previously by any executing agency.
7. Affidavit with effect that all documents/particulars/information furnished are true correct.
8. In case of Firm, list of partners / Partnership Deed, giving full particulars of Directors/proprietors or others connected alongwith Power of Attorney. In case of being sole proprietors such undertaking on Affidavit be furnished.
9. Tenders will not be received after the schedule time.
10. Bid cost shall not be exceed Rs. 650.0 Million as per provision in PC-I.

TERMS AND CONDITION OF THE TENDER

(I) No. Conditional Tenders will be entertained.
(II) No Tender without call deposit will be considered.
(III) The procuring agency may reject all or any bids to relevant provision of SPP Rules 2010 / Amended of 2013.
(IV) In case of any member of Profurement committee happens to be out of head quarters the bids shall be submitted and opened as per given schedule on the next working day.

INF-KRY No. 4305/2016

Executive Engineer
Thar Coal Water Works Division
Mirpurkhas

Say No To Corruption

WE STAND UNITED AGAINST TERRORISM

آفيس آف دي ايگزيڪيوٽو انجنيئر ترڪول
واٽر ورڪس ڊويزن ميرپورخاص

No.SC/G_148/439 of 2016, Mirpurkhas, Dated: 09_11_2016

ٽينڊر گهرائڻ لاءِ نوٽيس

ايس پي پي آر اي رول 2010 (ترميم ٿيل 2013) جي روشني ۾ (الزمسر فڪسڊ پرائس جي بنيادن تي EPC ترن ڪي ڪانٽريڪٽ) تي هيٺين ڪمن جي پروڪيورمينٽ/سرانجامي جي لاءِ دلچسپي رکندڙ فردن/سپلائيرز/ٺيڪيدارن/فرمن کان، ايس پي پي رول 2010 (ترميم ٿيل 2013) جي دفعه 5.2(ii) هيٺ مهربند ٽينڊر طلب ڪجن ٿا.

مدو	ٽينڊرفي	واڪ جي سوڙهي رقم	ڪم جو نالو	سيريل نمبر
07 مهينا	3000	2 سيڪڙو	ٽيسر ٿر ضلعي صوبي سنڌ ۾ اوپن سائيڪل پاور پروجيڪٽ لاءِ 2 x 2.5 MW HFO GTG جي سپلاءِ ۽ فڪسنگ	1

دلچسپي رکندڙ ٺيڪيدار/فرمون هن اشتهار جي اخبارن ۾ اشاعت/ايس پي پي آر اي جي ويب سائيٽ تي پڌرائي کان وٺي 2016_12_31 تائين هر ڪم سامهون ڄاڻايل ٽينڊر في ادا ڪري تي ڪورا ٽينڊر فارم وٺي سگهن ٿا. جيڪي 2017_01_05 تي منجهند 01:00 وڳي وصول ڪيا ۽ ساڳي ڏينهن تي بوقت 02:00 وڳي ٺيڪيدارن ۽ ڪميٽي جي موجودگيءَ ۾ کوليا ويندا.

2. شرڪت ڪندڙن جي لاءِ اهليت جا شرط هيٺين ريت آهن:

i) پاڪستان انجنيئرنگ ڪائونسل وٽ (سال 2016 جي لاءِ ڪارآمد) ڪم جي لاڳاپيل اسپيشلائيزيشن ۾ (CE_01) تحت رجسٽريشن

ii) فرم وٽ ڪم ڪندڙ انجنيئرن ۽ ٽيڪنيڪل عملي جي بائيو ڊيٽا.

iii) مڪمل ڪيل/هلندڙ ڪمن جا دستاويزي ثبوت. ايمپلائير کان ڪم جي تسلي بخش ڪمپليشن ورتل سرٽيفڪيٽ.

iv) هر هڪ ڪم جي لاڳت سان هلندڙ ڪمن جي لسٽ ۽ ڪم جي ايوارڊ جي ليٽر جي فوٽو ڪاپي

v) مشروط ۽ ٽيليگرافڪ ٽينڊرن تي غور نه ڪيو ويندو

vi) ڪم متعلق ڳالهه ٻولهه جي ضرورت هئڻ تي واڪ دستاويزن جمع ڪرائڻ جي 28 ڏينهن اندر ڳالهه ٻولهه ڪري سگهجي ٿي

3. انڪم ٽيڪس ڊپارٽمينٽ وٽ رجسٽريشن (اين ٽي اين سرٽيفڪيٽ) سي اين آءِ سي جي نقل ڪاپي

4. حلف نامي تي خاطري ته فرم ڪاني سان ڪنهن مقدمي بازي ۾ ملوث نه آهي ۽ نه ئي ڏيوالو ڪرائڻ ۾ چڙهيو آهي

5. واڪ ڏيندڙ کي هر هڪ ڪم سامهون ڄاڻايل رقم هيٺ صحيح ڪندڙ جي نالي تي شيڊول بينڪ مان نڪرايل ڪال ڊپازٽ جي صورت ۾ سوڙهي رقم طور جمع ڪرائڻي پوندي

6. ان ڳالهه جو حلف نامو ته فرم/ٺيڪيدار اڳ ڪنهن به ايگزيڪيوٽنگ ايجنسي وٽ بليڪ لسٽ نه رهيا آهن

7. ان ڳالهه جو حلف نامو ته فراهم ڪيل سمورا دستاويز/تفصيل/معلومات درست ۽ سچي آهي

8. فرم هئڻ جي صورت ۾ پارٽنرز جي لسٽ/پارٽنر شپ ڊيڊ، جنهن ۾ ڊائريڪٽرز/شيئر هولڊرز يا پين وانسٽيلر فردن جا پاور آف اٽارني سميت سمورا تفصيل فراهم ڪيا وڃن. اڪيلي مالڪ هئڻ جي صورت ۾ الڳ حلف نامو جمع ڪرايو وڃي

9. مقرر شيڊول ٽائيم کانپوءِ ٽينڊر وصول نه ڪيا ويندا

10. پي سي_1 جي پروويزن مطابق واڪ جي لاڳت 650.0 ملين کان وڌيڪ نه هئڻ گهرجي ٽينڊر جا شرط ۽ ضابطا:

i) مشروط ٽينڊرن تي غور نه ڪيو ويندو

ii) ڪال ڊپازٽ بنا ٽينڊر تي ڌيان نه ڏنو ويندو

iii) ايس پي پي رولز 2010 ترميم ٿيل 2013 جي لاڳاپيل شق تحت پروڪيورنگ ايجنسي ڪنهن به يا سمورن واڪن کي رد ڪري سگهي ٿي

iv) پروڪيورمينٽ ڪميٽي جي ڪنهن ميمبر جي هيڊ ڪوارٽر کان ٻاهر هئڻ جي صورت ۾ واڪ ساڳي شيڊول تحت ايندڙ ڪم واري ڏينهن تي وصول ڪيا ۽ کوليا ويندا

صحيح
ايگزيڪيوٽو انجنيئر
ترڪول واٽر ورڪس ڊويزن
ميرپورخاص

INF/KRY NO.4305/2016

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AR COAL WATER WORKS DIVISION

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OFFICE OF THE EXECUTIVE ENGINEER THAR COAL WATER WORKS DIVISION,MIRPURKHAS.

Thandi Sarak Gama Staduim, Neer Director Nara Canal Office Mirpurkhas

No.SC/G-148/ 45 of 2017, Mirpurkhas , Dated 13 / 02 / 2017.

To,

The Assistant Director (Assesment),
Sindh Public Procurement Regulatory Authority,
Karachi.

SUBJECT:- NIT: NO.SKP/G-148/439/2016/DATED.09.11.2016 (SR#30501).

REF'NCE:- Your office letter No.Mng(Assest)/SPPRA/30501/16-17/10541 DATED 10.02.2017.

Kindly refer your good office letter No.Cited above, it is submitted as under.

i In compliance of Rule-11 of SPP Rule 2010 (Amended 2013), the Revised PC-I is approved by the ECNEC and the provision of the component is already exist in the Revised PC-I (Copy of PC-I is attached).

ii. In compliance to Rule7 of SPP Rule 2010 (Amended 2013) the Procurement committee comprises of 05 Nos. members from which 1/3 members one from Executive Engineer Public Health Engineering Division Jamshoro and 2nd Divisional Accounts officer from Accountant General Sindh Karachi.

iii. In compliance of Rule-31(2)(b) of SPP Rule 2010 (Amended 2013) the Complaint Redressal Committee constitute an independent professional from the Accountant General Sinsh Karachi.

iv. In compliance to Rule-17(1A) the press clipping of News papers has already submitted vide this office letter SC/G-148/37 dated 08.02.2017 which is again submitted as desired.

v. The Procuring Agency is hereby ensured that the compliance of para 2.21 of guidelines and 2.10 of guidelins strictly.

vi. The procuring agency confirming the estimate cost of the Instant NIT/ procurement (Copy of Engineers Estimate attached).

SPPRA INWARD DIARY NO: 1373 DATED: 15-2-17

Pl: process 15/2

(Malik Sb)

vii. The Procurement plan of the component is submitted as required as the all the works were carried out at site and the last work were invited, and the bid evaluation submitted for hoisting on authority web site.

In compliance of SPP Rule 2010 (Amended 2013) all the infirmities rectifying with letter and spirit as desired.

You are requested to kindly hoist the documents on the authority website in the best intrest of national cause.

DA/As above.

EXECUTIVE ENGINEER
THAR CAOL WATER WORKS
MIRPURKHAS

ANNENURE A

PROCUREMENT PLAN DEVELOPMENT/INSTALLATION OF HFO PLANT.

SR.NO.ADP No.	Name of Scheme & Estimated cost	Allocated funds for Scheme	cost of ongoing works (expenditure already accured	funds earmarked for ongoing works	cost of new works (Components)	funds for new works	Nature of Procurement	Method of Procurement	Anticipated Actual Date of Advertisement	Anticipated actual date of start	Anticipated actual date of completion
ADP NO.2213	Construction of Water Carrier Channel with Capacity of 100 cusecs from LBOD Spinal Drain RD 362.0 to Nabisar for Power Generation Units.	12472.160 Million	9471.40 Million		Supplying & Fixing New 2 x 2.5 MW HFO GTG Open Cycle Power Project At Nabisar Thar Distt Province of Sindh	980.624 Million	Standard	1.SPPRA2 .News Paper 3.Notice	19.11.2016	01.03.2017	31.12.2017

EXECUTIVE ENGINEER
THAR COAL WATER WORKS DIVISION
MIRPURKHAS

GOVERNMENT OF SINDH

SINDH IRRIGATION DEPARTMENT

Revised / Modified PC-1

Construction of Water Carrier with Capacity of 100 Cusec from Spinal Drain at RD 362 (LBOD) to Nabisar for Thar Coal Power Generation Units

Cost Rs. 12,472.160 Million

March, 2015

Cost Estimate for Water Carrier from LBOD Spinal Drain to Nabisar

S#	Description	Amount Pak.Rs (Million)
1	Pumping Station (RD 362 Spinal Drain) Elevated Pumping Station cumulative Discharge 100 cusec for Raw Water (25 cusec vertical turbine pumps each 5 Nos.) including Elevated Discharge Box	232.697
2	Pumping Station (RD 362 Spinal Drain) Pumping Station cumulative 30 cusec (15 cusec vertical turbine pumps each 3 Nos.)	184.091
3	Supply & Installation of Pumps for Raw and Brine Water Pumping Station	132.732
4	CC line Channel from Spinal Drain (LBOD) RD 362 to Nabisar Reservoir.	1,917.805
5	CC line Channel from Nabisar to LBOD for Brine water (Brine generation from RO plant about 30%)	905.780
6	Weir at Spinal Drain 364 including activating 2 spans at RD 362 Road Bridge and Raising & Strengthening NIP U/S RD 362	435.225
7	Pre treatment Saline / Raw water reservoir at Nabisar	2,330.900
8	Treated Water Reservoir at Nabisar	1,536.592
9	Installation of RO plant capacity 24 MGD based on feed water upto TDS 10,000 ppm	3,210.000
10	Installation of 20 Nos. new tubewells of 0.5 cusec each including construction of pumphouse complete in all respect	134.824
11	Mini Gird Station of 10000 KVA including Feeder Line and Step Down Transformers	99.182
12	Ancilary works (Fencing, Approach Roads, Water Testing Laboratry)	29.037
13	Offices and Residential Complex	120.772
14	HFO (Hih Furnace Oil) Power Plant/ Generator for RO Plant	700.143
	Total Base Cost	**11,969.780**
15	Operation & Maintenance Cost	123.470
16	Survey , Designing and Supervision Cost (1%)	119.080
17	Establishment For 3 Years (as per SNE attached)	
18	Escalation	
19	Contingencies	121.830
20	Land Compensation	138.000
	Grand Total	**12,472.160**

آفيس آف دي ايگزيڪيوٽو انجنيئر ٿرڪول
واٽر ورڪس ڊويزن ميرپورخاص

No.SC/G_148/439 of 2016, Mirpurkhas, Dated: 09_11_2016

ٽينڊر گهرائڻ لاءِ نوٽيس

ايس پي پي آر اي رول 2010 (ترميم ٿيل 2013) جي روشني ۾ (لم سم فڪسڊ پرائس جي بنيادن تي EPC ٽرن ڪي ڪانٽريڪٽ) تي هيٺين ڪمن جي پروڪيورمينٽ/سرانجامي جي لاءِ دلچسپي رکندڙ فردن/سپلائيرز/ٺيڪيدارن/فرمن کان، ايس پي پي رول 2010 (ترميم ٿيل 2013) جي دفعه 5.2(ii) هيٺ مهربند ٽينڊر طلب ڪجن ٿا.

سيريل نمبر	ڪم جو نالو	واڪ جي سوڙي رقم	ٽينڊر في	مدو
1	ٿيسر ٿر ضلعي صوبي سنڌ ۾ اوپن سائيڪل پاور پروجيڪٽ لاءِ 2 x 2.5 MW HFO GTG جي سپلاءِ ۽ فڪسنگ	2 سيڪڙو	3000	07 مهينا

دلچسپي رکندڙ ٺيڪيدار/فرمون هن اشتهار جي اخبارن ۾ اشاعت/ايس پي پي آر اي جي ويب سائيٽ تي پڌرائي کان وٺي 2016_12_31 تائين هر ڪم سامهون ڄاڻايل ٽينڊر في ادا ڪرڻ تي ڪورا ٽينڊر فارم وٺي سگهن ٿا. جيڪي 2017_01_05 تي منجهند 01:00 وڳي وصول ڪيا ۽ ساڳي ڏينهن تي بوقت 02:00 وڳي ٺيڪيدارن ۽ ڪميٽي جي موجودگي ۾ کوليا ويندا.

2. شرڪت ڪندڙن جي لاءِ اهليت جا شرط هيٺين ريت آهن:
   - i) پاڪستان انجنيئرنگ ڪائونسل وٽ (سال 2016 جي لاءِ ڪارآمد) ڪم جي لاڳاپيل اسپيشلائيزيشن ۾ (CE_01) تحت رجسٽريشن
   - ii) فرم وٽ ڪم ڪندڙ انجنيئرن ۽ ٽيڪنيڪل عملي جي بايوڊيٽا.
   - iii) مڪمل ڪيل/هلندڙ ڪمن جا دستاويزي ثبوت، ايمپلائير کان ڪم جي تسلي بخش ڪميل جو ورتل سرٽيفڪيٽ.
   - iv) هر هڪ ڪم جي لاڳت سان هلندڙ ڪمن جي لسٽ ۽ ڪم جي ايوارڊ جي ليٽر جي فوٽو ڪاپي
   - v) مشروط ۽ ٽيليگرافڪ ٽينڊرن تي غور نه ڪيو ويندو
   - vi) ڪم متعلق ڳالهه ٻولهه جي ضرورت هجڻ تي واڪ دستاويزن جمع ڪرائڻ جي 28 ڏينهن اندر ڳالهه ٻولهه ڪري سگهجي ٿي
3. انڪم ٽيڪس ڊپارٽمينٽ وٽ رجسٽريشن (اين ٽي اين سرٽيفڪيٽ) سي اين آءِ سي جي نقل ڪاپي
4. حلف نامي تي خاطري ته فرم ڪاٿي سان ڪنهن مقدمي بازي ۾ ملوث نه آهي ۽ نه ئي ڏيوالو/نه ٿي چڪو آهي.
5. واڪ ڏيندڙ کي هر هڪ ڪم سامهون ڄاڻايل رقم هيٺ صحيح ڪندڙ جي نالي تي شيڊول بينڪ مان نهرايل ڪال ڊپازٽ جي صورت ۾ سوڙي رقم طور جمع ڪرائڻي هوندي.
6. ان ڳالهه جو حلف نامو ته فرم/ٺيڪيدار اڳ ڪنهن به ايگزيڪيوٽنگ ايجنسي وٽ بليڪ لسٽ نه رهيا آهن
7. ان ڳالهه جو حلف نامو ته فراهم ڪيل سمورا دستاويز/تفصيل/معلومات درست ۽ سچي آهي
8. فرم هجڻ جي صورت ۾ پارٽنرز جي لسٽ/پارٽنر شپ ڊيڊ، جنهن ۾ ڊائريڪٽرز/پريپائيٽرز يا بين واسطيدار فردن جا پاور آف اٽارني سميت سمورا تفصيل فراهم ڪيا وڃن. اڪيلي مالڪ هجڻ جي صورت ۾ اهڙو حلف نامو جمع ڪرايو وڃي
9. مقرر شيڊول لاڳير ڪانسواءِ ٽينڊر وصول نه ڪيا ويندا
10. پي سي_1 جي پرووزن مطابق واڪ جي لاڳت 650.0 ملين کان وڌيڪ نه هجڻ گهرجي.

ٽينڊر جا شرط ۽ ضابطا:
- i) مشروط ٽينڊرن تي غور نه ڪيو ويندو
- ii) ڪال ڊپازٽ بنا ٽينڊر تي ڌيان نه ڏنو ويندو
- iii) ايس پي پي رولز 2010 ترميم ٿيل 2013 جي لاڳاپيل شق تحت پروڪيورنگ ايجنسي ڪنهن به يا سمورن واڪن کي رد ڪري سگهي ٿي
- iv) پروڪيورمينٽ ڪميٽي جي ڪنهن ميمبر جي هيڊ ڪوارٽر کان ٻاهر هجڻ جي صورت ۾ واڪ ساڳي شيڊول تحت ايندڙ ڪم واري ڏينهن تي وصول ڪيا ۽ کوليا ويندا

صحيح

ايگزيڪيوٽو انجنيئر

ٿرڪول واٽر ورڪس ڊويزن

ميرپورخاص

INF/KRY NO.4305/2016

OFFICE OF THE EXECUTIVE ENGINEER, THAR COAL WATER WORKS DIVISION MIRPURKHAS

NO. SC/G-148/439 of 2016 — Mirpurkhas, dated: 09-11-2016

NOTICE INVITING TENDER

Sealed tenders under SPP Rules 2010 (Amended 2013) Clause 5.2(ii) are invited from the interested persons / suppliers / contractors / firms for procurement / execution of the following work on EPC Turnkey Contract on Lump Sum Fixed Price Basis.

S. No.	NAME OF WORK	EARNEST MONEY	TENDER FEE	TIME ALLOWED
1.	SUPPLYING & FIXING NEW 2x2.5 MW HFO GTG OPEN CYCLE POWER PROJECT AT NABISAR - THAR DISTT. PROVINCE OF SINDH	2% OF BID AMOUNT	3000/-	7 MONTHS

All the contractors / interested participants / firms can purchase the blank tenders on payment of tender fee for each work from the date of publication of this NIT in newspapers / SPPRA website upto 31-12-2016. The same should be received on 05-01-2017 upto 1:00 PM. The bids would be opened on the same day at 02:00 PM in presence of the contractors and committee.

2. Eligibility conditions for intending participants are as under:-
   i. Registration with Pakistan Engineering Council (Valid for the year 2016) in relevant field of specialization of work is CE-01.
   ii. Bio-data of engineers and technical staff working with the firm.
   iii. Documentary evidence of works executed / works in progress and certificate of satisfactory completion of works by the employers.
   iv. List of works in progress indicating cost of each work and copy of letter of award of work.
   v. Conditional and telegraphic tenders will not be entertained.
   vi. If any discussion regarding the work is required which will be discussed within 28 days of submission of bidding document.
3. Registration with Income Tax Department (NTN Certificate) and copy of NIC.
4. Undertaking on stamp paper that the firm is not involved in any litigation or has abandoned any work in the department.
5. The bidder should submit earnest money as shown above in shape of call deposit prepared from the scheduled bank in the name of the undersigned.
6. Affidavit to the effect that the firm / contractor has not been blacklisted previously by any executing agency.
7. Affidavit to the effect that all documents / particulars / information furnished are true & correct.
8. In case of firm, list of partners / partnership deed, giving full particulars of directors / proprietors or other connected information along with Power of Attorney. In case of being sole proprietors such undertaking on stamp paper be furnished.
9. Tenders will not be received after the scheduled time.
10. Bid cost should not exceed Rs. 650.0 Million as per provision in PC-I.

TERMS AND CONDITIONS OF THE TENDER

(i) No conditional tenders will be entertained.
(ii) No tender without call deposit will be considered.
(iii) Procuring Agency may reject all or any bid subject to relevant provisions of SPP Rules 2010 / Amendment of 2013.
(iv) In case any member of Procurement Committee happens to be out of Headquarters, the bids shall be submitted and opened as per given schedule on the next working day.

Executive Engineer
Thar Coal Water Works Division, Mirpurkhas

INF-KRY No. 4305/16 — Say No to Corruption — رشوت دینے سے گریز کریں

PID(K)1726/16

OFFICE OF THE EXECUTIVE ENGINEER, EDUATION

AT D.C. COMPLEX KAMBER P. NO. 04-94110

No: XEN/Edu:/(W)/-3035

NOTICE INVITING

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باقاعدہ تصدیق شدہ اشاعت (ABC CERTIFIED) سندھ اور بلوچستان کا کثیر الاشاعت روزنامہ

روزنامہ انتخاب کراچی

Daily INTEKHAB Karachi

رجسٹرڈ نمبر ایس ایس 999

قیمت 4 روپے

جلد نمبر 23	بروز جمعۃ المبارک 18 نومبر 2016ء بمطابق 17 صفر المظفر 1438ھ	شمارہ نمبر 318

دفتر ایگزیکٹو انجینئر تھر کول واٹر ورکس ڈویژن میر پور خاص

No.SC/G-148/439 of 2016 Mirpurkhas Dated: 09-11-2016

ٹینڈر طلبی نوٹس

SPPRA رول 2010 (ترمیم شدہ 2013) کی روشنی میں (Lump Sum) لمپ سم پرائس کی بنیاد پر EPC (ٹرنکی کنٹریکٹ) پر مندرجہ ذیل کام کی پروکیورمنٹ / تکمیل کیلئے دلچسپی کے حامل افراد / اسپلائرز / کنٹریکٹرز / فرموں سے SPP رول 2010 (ترمیم شدہ 2013) شق 5.2(ii) کے تحت سربمہر ٹینڈرز مطلوب ہیں۔

نمبر شمار	کاموں کے نام	بولی کی رقم کا زر بیعانہ	ٹینڈر فیس	مدت
1-	میسار تھر ضلع صوبہ سندھ میں نیو 2x2.5MW HFO GTG اوپن سائیکل پاور پروجیکٹ کی فراہمی و تنصیب	2%	3000	07 ماہ

تمام کنٹریکٹرز / دلچسپی کی حامل شرکت کرنے والی فرمز سادہ ٹینڈرز، ہر کام کیلئے ٹینڈر فیس کی ادائیگی پر NIT کی اخبارات / SPPRA ویب سائٹ پر اشاعت کی تاریخ سے 31-12-2016 تک خرید سکتی ہیں۔ یہ 05-01-2017 کو دوپہر 01:00 بجے تک وصول کئے جائیں گے۔ بڈنگ کنٹریکٹرز اور کمیٹی کی موجودگی میں اسی دن بوقت دوپہر 02:00 بجے کھولی جائیں گی۔

2- دلچسپی کے حامل شرکاء کیلئے شرائط اہلیت درج ذیل ہیں:

i) انسٹالیشن آف ورک کے متعلقہ شعبے میں (سال 2016 کیلئے قابل میعاد) پاکستان انجینئرنگ کونسل سے رجسٹریشن

ii) فرم میں کام کرنے والے انجینئرز اور ٹیکنیکل اسٹاف کے کوائف

iii) زیر تکمیل / تکمیل شدہ کام کا دستاویزی ثبوت اور آجان کی جانب سے کام کے تسلی بخش تکمیل کا سرٹیفکیٹ

iv) ہر کام کی مالیت کی صراحت کیساتھ جاری کام کی فہرست اور لیٹر آف ایوارڈ آف ورک کی کاپی

v) مشروط اور ٹیلی گرافک ٹینڈرز زیر غور نہیں لایا جائے گا۔

vi) اگر کام کے حوالے سے کسی بھی قسم کی گفتگو درکار ہوں تو بڈنگ دستاویزات کے جمع کرانے کے 28 دنوں کے اندر گفتگو کر لیں۔

3- محکمہ ٹیکس سے رجسٹریشن (NTN سرٹیفکیٹس) اور NIC کی نقل

4- اس بات کا حلف نامہ کہ فرم کسی تنازعے میں ملوث نہیں رہی یا ادارے میں کوئی کام ادھورا نہیں چھوڑا۔

5- بولی دہندہ کو ہر کام کے مقابل صراحت کردہ زر بیعانہ بشکل کال ڈپازٹ جو شیڈولڈ بینک سے زیر دستخطی کے نام تیار کردہ ہو، جمع کرانا ہوگا۔

6- اس بات کا حلف نامہ کہ فرم / کنٹریکٹر کسی ایگزیکٹو ایجنسی کی جانب سے ماضی میں بلیک لسٹ نہیں رہے۔

7- اس بات کا حلف نامہ کہ پیش کردہ تمام دستاویزات / تفصیلات / معلومات بالکل صحیح اور درست ہیں۔

8- فرم کی صورت میں پاور آف اٹارنی کے ہمراہ ڈائریکٹرز / پروپرائٹر یا دیگر متعلقین کی مکمل تفصیلات دیتے ہوئے پارٹنرز کی فہرست / پارٹنرشپ ڈیڈ سول پروپرائٹر کی صورت میں اس طرح کی یقین دہانی حلف نامہ پر پیش کی جائے۔

9- مقررہ وقت کے بعد ٹینڈرز وصول نہیں کئے جائیں گے۔

10- PC-I میں شق کے مطابق بولی کی قیمت Rs.650.0 ملین سے زائد نہیں ہوگی۔

ٹینڈرز کے قواعد و ضوابط

(I) مشروط ٹینڈرز زیر غور نہیں لائے جائیں گے۔

(II) کال ڈپازٹ کے بغیر ٹینڈرز زیر غور نہیں لایا جائے گا۔

(III) SPP رولز 2010 / ترمیم شدہ 2013 کی متعلقہ شق سے مشروط پروکیورنگ ایجنسی تمام یا کسی پیشکش کو مسترد کر سکتی ہے۔

(IV) پروکیورمنٹ کمیٹی کے کسی رکن کے ہیڈ کوارٹر سے باہر ہونے کی صورت میں پیشکشیں آئندہ کام والے دن دیئے گئے شیڈول کے مطابق جمع کرائی اور کھولی جائیں گی۔

ایگزیکٹو انجینئر
تھر کول واٹر ورکس ڈویژن
میرپورخاص

INF-KRY:NO.4305/16

چیف ایڈیٹر: ضیا شاہد

Daily
KHABRAIN
روزنامہ
خبریں

ایڈیٹر: امتنان شاہد

جمعۃ المبارک 17 صفر المظفر 1438ھ 18 نومبر 2016ء 4 مگھر 2073ب

دفتر ایگزیکٹو انجینئر تھر کول واٹر ورکس ڈویژن میرپور خاص

No.SC/G-148/439 of 2016 Mirpurkhas Dated: 09-11-2016

ٹینڈر طلبی نوٹس

SPPRA رول 2010 (ترمیم شدہ 2013) کی روشنی میں (Lump Sum فکسڈ پرائس کی بنیاد پر EPC ٹرن کنٹریکٹ) پر مندرجہ ذیل کام کی پروکیورمنٹ / تکمیل کیلئے دلچسپی کے حامل افراد / اسپانسرز / کنٹریکٹرز / فرمز سے SPP رول 2010 (ترمیم شدہ 2013) شق 5.2(ii) کے تحت سربمہر ٹینڈرز مطلوب ہیں۔

نمبر شمار	کاموں کے نام	بولی کی رقم کا زر بیعانہ	ٹینڈر فیس	مدت
1-	میسار تھر ضلع صوبہ سندھ میں نیو 2x2.5MW HFO GTG اوپن سائیکل پاور پروجیکٹ کی فراہمی و تنصیب	2%	3000	107ء

تمام کنٹریکٹرز / دلچسپی کے حامل شرکت کرنے والی فرمز سادہ ٹینڈرز، ہر کام کیلئے ٹینڈر فیس کی ادائیگی پر NIT کی اخبارات / SPPRA ویب سائٹ پر اشاعت کی تاریخ سے 31-12-2016 تک خرید سکتی ہیں۔ یہ 05-01-2017 کو دوپہر 01:00 بجے تک وصول کئے جائیں گے جبکہ کنٹریکٹرز اور کمیٹی کی موجودگی میں اسی دن بوقت دوپہر 02:00 بجے کھولی جائیں گی۔

2- دلچسپی کے حامل شرکاء کیلئے شرائط اہلیت درج ذیل ہیں:

i) اسپشلائزیشن آف ورک کے حلقہ شعبہ میں (سال 2016 کیلئے قابل میعاد) پاکستان انجینئرنگ کونسل سے رجسٹریشن

ii) فرم میں کام کرنے والے انجینئرز اور ٹیکنیکل اسٹاف کی تفصیل

iii) زیر تکمیل / تکمیل شدہ کام کا دستاویزی ثبوت اور آجران کی طرف سے کام کے تسلی بخش تکمیل کا سرٹیفکیٹ

iv) ہر کام کی مالیت کی صراحت کیساتھ جاری کام کی نوعیت اور کتنا کام ایوارڈ آف ورک کا باقی

v) مشروط اور نیل گرافک ٹینڈرز زیر غور نہیں لایا جائے گا۔

vi) اگر کام کے حوالے سے کسی بھی قسم کی گفتگو درکار ہو تو میٹنگ دستاویزات کے جمع کرانے کے 28 دنوں کے اندر گفتگو کر لیں۔

3- مکمل انکم ٹیکس سے رجسٹریشن (NTN سرٹیفکیٹ) اور NIC کی نقل۔

4- اس بات کا حلف نامہ کہ فرم کسی تنازعے میں ملوث نہیں ہوئی یا اداروں میں کوئی کام ادھورا نہیں چھوڑا۔

5- بولی دہندہ کو ہر کام کے مقابل صراحت کردہ زر بیعانہ پے آرڈر / ڈرافٹ جو شیڈولڈ بینک سے زیر وصولی کے نام تیار کردہ ہو، جمع کرانا ہوگا۔

6- اس بات کا حلف نامہ کہ فرم / کنٹریکٹر کسی ایگزیکٹو ایجنسی کی جانب سے ماضی میں بلیک لسٹ نہیں رہے۔

7- اس بات کا حلف نامہ کہ پیش کردہ تمام دستاویزات / تفصیلات / معلومات بالکل صحیح اور درست ہیں۔

8- فرم کی صورت میں پارٹنرشپ ڈیڈ / سول پروپرائٹر شپ / پروپرائٹر یا دیگر حقیقین کی مکمل تفصیلات دیتے ہوئے پارٹنرز کی فہرست / پارٹنرشپ ڈیڈ / سول پروپرائٹر کی صورت میں اس طرح کی یقین دہانی حلف نامہ پر پیش کی جائے۔

9- مقررہ وقت کے بعد ٹینڈرز وصول نہیں کئے جائیں گے۔

10- PC-I میں شق کے مطابق بولی کی قیمت Rs.650.0 ملین سے زائد نہیں ہوگی۔

ٹینڈرز کیے قواعد و ضوابط

(I) مشروط ٹینڈرز زیر غور نہیں لائے جائیں گے۔

(II) کال / پارٹ کے بغیر ٹینڈرز زیر غور نہیں لایا جائے گا۔

(III) SPP رول 2010 / ترمیم شدہ 2013 کی متعلقہ شق سے مشروط پروکیورنگ ایجنسی تمام یا کسی پیشکش کو مسترد کر سکتی ہے۔

(IV) پروکیورمنٹ کمیٹی کے کسی رکن کے ہیڈ کوارٹر سے باہر ہونے کی صورت میں پیشکشیں آئندہ کام والے دن دیئے گئے شیڈول کے مطابق جمع کرائی اور کھولی جائیں گی۔

ایگزیکٹو انجینئر
تھر کول واٹر ورکس ڈویژن
میرپور خاص

INF-KRY:NO.4305/16

روزنامہ ایکسپریس، کراچی۔ جمعرات، 17 نومبر، 2016ء

DAILY EXPRESS

روزنامہ ایکسپریس کراچی

پاکستان کے 11 شہروں سے بیک وقت شائع ہونے والا واحد اخبار

دفتر ایگزیکٹو انجینئر تھر کول واٹر ورکس ڈویژن میرپورخاص

No.SC/G-148/439 of 2016 Mirpurkhas Dated: 09-11-2016

ٹینڈر طلبی نوٹس

SPPRA رول 2010 (ترمیم شدہ 2013) کی روشنی میں (Lump Sum) فکسڈ پرائس کی بنیاد پر EPC (ٹرنکی کنٹریکٹ) پر مندرجہ ذیل کام کی پروکیورمنٹ / تعمیل کیلئے دلچسپی کے حامل افراد / سپلائرز / کنٹریکٹرز / فرم سے SPP رول 2010 (ترمیم شدہ 2013) شق 5.2(ii) کے تحت سربمہر ٹینڈرز مطلوب ہیں۔

نمبر شمار	کاموں کے نام	بولی کی رقم کا زر بیعانہ	ٹینڈر فیس	مدت
1-	بیسار تھر ضلع صوبہ سندھ میں نیو 2x2.5MW HFO GTG اوپن سائیکل پاور پروجیکٹ کی فراہمی و تنصیب	2%	3000	07ماہ

تمام کنٹریکٹرز / دلچسپی کی حامل شرکت کرنے والی فرمز سادہ ٹینڈرز، ہر کام کیلئے ٹینڈر فیس کی ادائیگی پر NIT کی اخبارات / SPPRA ویب سائٹ پر اشاعت کی تاریخ سے 31-12-2016 تک خرید سکتی ہیں۔ یہ 05-01-2017 کو دوپہر 01:00 بجے تک وصول کئے جائیں گے۔ بڈنگ کنٹریکٹرز اور کمیٹی کی موجودگی میں اسی دن بوقت دوپہر 02:00 بجے کھولی جائیں گی۔

2- دلچسپی کے حامل شرکاء کیلئے شرائط اہلیت درج ذیل ہیں:

i) اسپیشلائزیشن آف ورک کے متعلقہ شعبے میں (سال 2016 کیلئے قابل میعاد) پاکستان انجینئرنگ کونسل سے رجسٹریشن

ii) فرم میں کام کرنے والے انجینئرز اور ٹیکنیکل اسٹاف کے کوائف

iii) زیر تکمیل / تکمیل شدہ کام کا دستاویزی ثبوت اور آجران کی جانب سے کام کے تسلی بخش تکمیل کا سرٹیفکیٹ

iv) ہر کام کی مالیت کی صراحت کیساتھ جاری کام کی فہرست اور لیٹر آف ایوارڈ آف ورک کی کاپی

v) مشروط اور ٹیلی گرافک ٹینڈرز زیر غور نہیں لایا جائے گا۔

vi) اگر کام کے حوالے سے کسی بھی قسم کی گفتگو درکار ہوں تو بڈنگ دستاویزات کے جمع کرانے کے 28 دنوں کے اندر گفتگو کرلیں۔

3- محکمہ انکم ٹیکس سے رجسٹریشن (NTN سرٹیفکیٹس) اور NIC کی نقل

4- اس بات کا حلف نامہ کہ فرم کسی تنازعے میں ملوث نہیں رہی یا ادارے میں کوئی کام ادھورا نہیں چھوڑا۔

5- بولی دہندہ کو ہر کام کے مقابل صراحت کردہ زر بیعانہ بشکل کال ڈپازٹ جو شیڈولڈ بینک سے زیر دستخطی کے نام تیار کردہ ہو، جمع کرانا ہوگا۔

6- اس بات کا حلف نامہ کہ فرم / کنٹریکٹر کسی ایگزیکٹو ایجنسی کی جانب سے ماضی میں بلیک لسٹ نہیں رہے۔

7- اس بات کا حلف نامہ کہ پیش کردہ تمام دستاویزات / تفصیلات / معلومات بالکل صحیح اور درست ہیں۔

8- فرم کی صورت میں پاور آف اٹارنی کے ہمراہ ڈائریکٹرز / پروپرائٹر یا دیگر متعلقین کی مکمل تفصیلات، دیتے ہوئے پارٹنرز کی فہرست / پارٹنرشپ ڈیڈ سول پروپرائٹر کی صورت میں اس طرح کی یقین دہانی حلف نامہ پر پیش کی جائے۔

9- مقررہ وقت کے بعد ٹینڈرز وصول نہیں کئے جائیں گے۔

10- PC-I میں شق کے مطابق بولی کی قیمت Rs.650.0 ملین سے زائد نہیں ہوگی۔

ٹینڈرز کے قواعد و ضوابط

(I) مشروط ٹینڈرز زیر غور نہیں لائے جائیں گے۔

(II) کال ڈپازٹ کے بغیر ٹینڈرز زیر غور نہیں لایا جائے گا۔

(III) SPP رولز 2010 / ترمیم شدہ 2013 کی متعلقہ شق سے مشروط پروکیورنگ ایجنسی تمام یا کسی پیشکش کو مسترد کرسکتی ہے۔

(IV) پروکیورمنٹ کمیٹی کے کسی رکن کے ہیڈکوارٹر سے باہر ہونے کی صورت میں پیشکشیں آئندہ کام والے دن دیئے گئے شیڈول کے مطابق جمع کرائی اور کھولی جائیں گی۔

ایگزیکٹو انجینئر
تھر کول واٹر ورکس ڈویژن
میرپورخاص

INF-KRY:NO. 4305/16

OFFICE OF THE EXECUTIVE ENGINEER THAR COAL WATER WORKS DIVISION, MIRPURKHAS.

Thandi Sarak Gama stadium, Near Director Nara Canal Office Mirpurkhas,

No. SC/G-148/ \\ of 2017 Mirpurkhas dated 13 /01/2017

CORRIGENDUM

Read This office NIT No.SC/G-148/03 of 05.01.2017 for issue and opening of tenders.

The Submission & opening of bids of HFO on 16-01-2017. Due to non Submission of drawings from the consultant, the submission & opening date of the bids is fixed on 25-01-2017.

However the terms & condition as well as venue will remain same.

MUHAMMAD FAHEEM SOOMRO
Executive Engineer,
Thar Coal Water Works
Division, Mirpurkhas

Copy forwarded with compliment to the:-

1. Director Information Advertisement Public Relation Department Sindh Secretariat Block No.95 Karachi.
2. Director (A&F) Government of Sindh, Sindh Public Procurement Regulatory authority Block-8 Sindh Secretariat 4-A Court Road Karachi for publicity on SPPRA.
3. Project Director Thar Coal Water Works Project Mirpurkhas.
4. Superintending Engineer Thar Coal Water Works Circle Mirpurkhas.
5. Executive Engineer All of Thar Coal Water Works Project Mirpurkhas.

761
20-01-17

For n/a p/z

OFFICE OF THE PROJECT DIRECTOR THAR COAL WATER WORKS @ MIRPURKHAS

Camp at Left Bank Barrage Colony, Hyderabad.
Email.Address:pdtcwwp@hotmail.com Fax:022-9210133 Tel:022-9210131

NO.SE/Asstt/TCWWC/MPS/ 1885 OF 2015, MIRPURKHAS,DATED 21/12/2015.

CORRINGDEM.

Read:- This office letter No.PD/TCWWM/TC/2015/1707 dated 14.12.2015.

SUBJECT:- RE-CONSTITUTION OF COMMITTEE FOR REDRESSAL OF COMPLAINTS RULE-31 (2) (b) SPP RULE 2010 (AMENDED 2013).

In compliance of Rule-31 (2) (b) the Complaint Redressal Committee Re-Constitute as under.

1.	Superintending Engineer, Thar Coal Water Works Circle Mirpurkhas.	Chairmen.
2.	Independent Professional. Will be nominated at the time of compliant	Member.
3.	Divisional Accounts Officer.	Member.

JAWED AHMED MEMON
PROJECT DIRECTOR
Thar Coal Water Works
@ Mirparkhas

GOVERNMENT OF SINDH
IRRIGATION DEPARTMENT

CIRCULAR

No.SO(R&S)8-110/2012-13: The responsibility of formulation of Procurement Committee is hereby delegated to concerned regional heads, in capacity of Head of Department, in respect of Rule 7 of Sindh Public Procurement Rules-2010.

SYED ZAHEER HYDER SHAH
SECRETARY TO GOVT. OF SINDH

No.SO(R&S)8-110/2012-13 Karachi, dated the 14th December 2015.

Copy forwarded for information and necessary action to:-

1. All Chief Engineers in Irrigation, Sindh
2. The Managing Director, Sindh Irrigation & Drainage Authority (SIDA), Hyderabad.
3. The Managing Director Sindh Public Procurement Regulatory Authority Karachi.
4. The Section Officer (Planning) Irrigation Department Government of Sindh, Karachi.
5. PS to Secretary Irrigation, Govt. of Sindh, Karachi.
6. P.A. to Additional Secretary Technical, Irrigation Department, Govt. of Sindh.

SECTION OFFICER (RR&S)
FOR SECRETARY TO GOVT OF SINDH

14/12/15

DISPATCHER
Irrigation & Power Department
Government of Sindh
Karachi

4	HSD Flow Meter	Analogue (As Per MAN Specs)	Imported	2	
5	Fuel Booster Unit	As per MAN Specification	Imported	1	
6	Fuel Return Oil Unit	As Per MAN Specs	Imported	2	
7	Fuel Return Oil Pump Unit	As Per MAN Specs	Imported	2	
8	Fuel Primary Filters	Mesh Type	Imported	1	
9	Fuel Secondary Filters	Mesh Type	Imported	1	
10	HFO Supply Pump	As Per MAN Specs	Imported	2	
11	HSD Supply Pump	As Per MAN Specs	Imported	2	
12	Fuel Fine Filters	Cat ridge Type	Imported	1	
13	HFO/HSD Change Over valve	As Per MAN Specs	Imported	1	
14	Fuel Circulation Pump	As Per MAN Specs	Imported	2	
15	Fuel Oil Accumulator	As per MAN Specs	Imported	1	
16	Fuel Heating Unit	Steam Heating	Imported	1	
17	Fuel Viscosity Controller	Steam Heating	Imported	1	
18	Light Fuel Oil Cooler		Imported	2	
H	STARTING AIR SYSTEM				
1	Air Compressor	Sperre/Sinwa/LG/eqv	Imported	2	
2	Air Dryer	As per MAN Specs	Imported	1	
3	Air Regulating Unit	As per MAN Specs	Imported	2	
4	Starting Air Vessels	500 Ltrs	Imported	2	
5	Air System Piping &Fitings			Lot	
	Local – Balance of Plant				
I	H T WATER SYSTEM				
1	H T Water H.Exchanger	NKR	Local	2	
2	HT Water Thermostatic V/V	As Per MAN Specs	Imported	2	
3	HT Water Expansion Tank	500 Ltrs MS 3.5mm	Local	2	
4	HT Water Pre Heating Unit	Electric Heating	Local	2	
5	HT Water Piping & Fitting Lot			Lot	
6	Expansion Vessel HT	Imported		2	

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J	L T WATER SYSTEM				
1	LT Water H.Exchanger	NKR		2	
2	LT Water Thermostatic V/V	As Per MAN Specs	Imported	2	
3	LT Water Expansion Tank	As Per MAN Specs	Local	2	
4	HT Water Piping & Fitting Lot			Lot	
5	Expansion Vessel LT	Imported		Lot	
K	COOLING WATER SYSTEM				
1	Cooling Water Pumps	As Per MAN Specs		2	
2	Cooling Towers	As Per MAN Specs		2	
3	Chemical Dozing System	1 Lot	Imported	2	
4	High Temp Mounted Circuit		Imported	2	
L	INTAKE AIR SYSTEM				
1	Air Intake Suction Filters including intake silencer	Oil bath filter complete plus silencer	AAF France	2	
2	Air Intake Ducting	As per MAN Specs.		2	
3	Air Intake Expansion Below	As per MAN Specs.	Imported	2	
4	Piping & Fitting Lot			Lot	
5	Weather Hood		Local	2	
M	EXHAUST GAS SYSTEM				
1	Exhaust Gas Expansion Below	As per MAN Specs.	Imported	2	
2	Exhaust Gas Ducting	As per MAN Specs.		2	
3	Exhaust Gas Silencer		Imported	2	
4	Exhaust Gas Chimney	As per MAN Specs.		1	
5	Piping & Fitting Lot			Lot	
N	ELECTRICAL SYSTEMS				
1	Control Panels		Imported	1	
2	VCBs	630 AMP	Schnieder/Eqv	2	
3	MCC Panels	Auxiliary Load	Schnieder/Eqv	2	

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4	Out Going Feeder	As per MAN Specs	Schnieder/Eqv	1	
5	Battery & Battery Charger(110V & 24 V DC Power Supply)	As per MAN Specs	Schnieder/Eqv	1	
6	Main Bus Bar	As per MAN Specs	Local	2	
7	Transformer	500 KVA	Local	1	
8	SCADA System Complete		Imported	1	
9	NGR		Imported	2	
10	Bus Bar Measuring Cubical		Imported	1	
O	Tools				
1	Set Engine Maintenance Tools	As per MAN Specs	Imported	1 Set	
2	Engine Hand Tools	As per MAN Specs	Imported	1 Set	
3	Set Tools for Turbocharger	As per MAN Specs	Imported	1 Set	
4	HFO & LO Sep. Units Tools	As per MAN Specs	Imported	1 Set	
P	Basic Engineering	Electrical &Mechanical	All Mech. & Elect. Basic Drawings	1	
Q	Detail Engineering	Provided equipment	All Mech. & Elect.	1 Set	
R	Advisory Project Management Services at Site	MAN		200 HRS	
S	STEAM TRACING LINES			1	
T	TANK FARM				
1	Maintenance water tank	10 Tons	Local	1	
2	HSD Service Tank	15 Tons	Local	1	
3	HFO Storage Tank	150 Tons	Local	1	
4	HFO Settling Tank	25 Tons	Local	1	
5	HFO Service Tank	25 Tons	Local	1	
6	HSD Storage Tank	35 Tons	Local	1	

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7	All sensors, gauges, transmitters and supporting equipment for Tanks		Imported		Local
U	TRANSFER PUMPS				
1	HSD unloading & transfer pump unit	As Per MAN Specs	Imported	1	
2	HFO unloading & transfer pump unit	As Per MAN Specs	Imported	1	
3	LO Transfer Pump	As per MAN Specs	Imported	1	
4	Sludge transfer pumps		Imported	1	
5	Oily water transfer pump		Imported	1	
V	Civil Works:				
1	Soil Investigation, Landscaping road and related activities				X
2	Grouting work of sole plates, auxiliaries, equipment, frames etc.				X
3	Engine Hall & Control Room as per MAN plant standards , Civil Works for all Equipment and engine foundation, Paint material and works				X
4	Steel Structure for piping, Cabling supports, platforms & ladder and supporting Structures				X

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5	Grouting work of sole plates, auxiliaries, equipment, frames etc.				x
6	Engine Hall & Control Room as per MAN plant standards, Civil Works for all Equipment and engine foundation, Paint material and works				x
7	Steel Structure for piping, Cabling supports, platforms & ladder and supporting Structures	As per MAN Specs		Lot	
8	Drainage and Sludge Management system				
W	Civil drawings	Foundation Drawings			X

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X	E & I				
1	Installation and Commissioning Electric side is at customer end				X
2	Plant Area Electrification, Lighting Arrester and Earthing system				X
3	IT Network and communication Systems				X
Y	Plant Auxiliaries:				
1	Steam/Auxiliary Boiler or Heat Recovery System	01 Ton Duplex Boiler	Local	1	
2	Over Head Crane 3-5 Ton				X
3	Water Treatment System				X
4	Ventilation System as specified by MAN			Lot	
5	HVAC System			Lot	
	MISCELLANEOUS				
1	Local Training of personals	MAN Pakistan		4 Persons	
2	Fire detection & alarm system, Fire Fitting System	As per MAN Specs	Imported		X
3	First fill of systems, Lube, Fuel, Water, Antifreeze etc. as specify by MAN, Electricity during installation and plant erection.				X
4	Accommodation, boarding and lodging for EPC Personal				X

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5	Applicable Taxes, Duties , Insurance, port clearing charges				X
6	Environmental & Local Government Approvals if required				X
7	Access Ways to Project Site , Soil Investigation and Site Preparation				X
8	In-land freight & loading and unloading				X

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Section V
Terms and Conditions

Terms of Payment:

Down Payment equal to 20 % payable 2 weeks after signature. 2nd Installment equal to 80% shall become due and payable at the readiness of shipment.

The 2nd installment shall be payable under an irrevocable an confirmed Letter of Credit to be established by the Purchaser 2 weeks after signing of the Contract.

Warranty

The period of warranty shall be 1 year after the equipment is put into operation. In any case, it shall terminate 27 months after commencement date of the contract. For replacement parts, it shall start anew and end latest 33 months after commencement date.

Delivery Time:

The delivery time of generator and all auxiliary is to be 08 to 09 months after project commencement date.

Validity of quotation:

This offer is valid for 30 days from the date of the proposal. Your acceptance of this offer must have reached us on or before the said time and is subject to our Confirmation

We trust our budgetary Gen Set quotation will be of interest to you and should be pleased to supply any further information you may require.

With best regards,

Tariq Khokhar / Juan Magana
Conso Private Ltd.

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Mitas Generators
Built To Last - Endless Power

Training:

- Our commissioning engineer will answer all your questions during control of the installation and its startup.
- Supplementary training in the factory in Gent as well as at clients facilities remains possible.

PRICE OVERVIEW			
Description	Unit price in millions	Units	Total price in millions
Complete EPC as per above scope of supply & Techbical Data	PKR 1,075.00	5 MW Complete Unit	Less Discount = PKR 971M
	C&F KARACHI BY SEA -TOTAL: PKR 971M		

5MW HFO Genset PowerPlant

Description	Amount in Millions
Civil/Structural	35 M
Mechanical	58 M
Gensets& Auxiliaries	310 M
Electrical	105 M
Piping	40 M
Instrumentsand Controls	84 M
BalanceofPlant/GeneralFacilities	310 M
TotalDirect Costs	**942 M**
IndirectCosts	9 M
EŶgiŶeeriŶgaŶd HoŴe OffiÐe Cost	10 M
ProcessContingency	0 M
ProjectContingency	10 M
TotalIndirect Cost	**29 M**
TotalPlantCost	**971 M**

Mitas Generators
Built To Last - Endless Power

Mitas, Feb/3/2017

TERMS AND CONDITIONS OF SALE

Prices:
Prices - excluding VAT - Equavalent Euros of Quoated are Quoated in PKR

Payment conditions:
20 % downpayment
80 % at delivery ex-works

Payment to be covered by an irrevocable letter of credit (LC), opened and confirmed by a west-european bank of first rank.

Delivery time: 9 months
After having received final order and downpayment as well as all information required for starting the execution of the order.
Faster deliveries only after confirmation of the factory.

General sales conditions:
After the United Nations Economic Commission for Europe held in Geneva on March 1957. (Ref. 188A)

Particular conditions:
Prices are firm for delivery before 30/6/2017.
After this date they are revisable and submitted to the ABC price escalation rules.

Guarantee on engine and auxiliaries:
12 months from date of commissioning; maximum
18 months after delivery EX-WORKS.

Validity of the offer: 3 months

Valentin Bularca
Electrical Engineer
Sales Director & Marketing

Conso Ltd.

Dated, Feb 4th 2017

M/S G3 Consultants,

Lahore,

Dear Sirs,

Reference to your request for additional discount on the budgetary price for the complete 5 MW Thar HFO EPC Project, Our special discounted price for MAN German Equipment who are the world leader in Diesel/HFO Generators. For the below stated SOW will be 972M Pk Rs.

For any Questions and Clarification, we remain at your services.

Looking forward to your Response and early order.

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Scope of Supply and Services for 2X9L 27/38 MAN Engines

Sr. #	Description	Specification	Origin	Quantity	End User Scope
	Section – Imported Components				
A	MAN 9L 27/38 S, MAN DIESEL ENGINE	2*2,881 KWE @ ISO Conditions	Germany/Europe	2	
1	Engine resilient mountings complete set			2	
B	Alternator	11KV	Germany/Europe	2	
C	Freight	Sea Freight		Included	
D	Erection/Commissioning	30 Man working Days(Mon-Sat), 1 Man working day @ 8 Hrs		included	
E	FAT Test Report & witness*			Included	
	Imported – Balance of Plant				
F	**LUBE OIL SYSTEM**				
1	LO Purifier	Alfalaval/GEA	Imported	2	
2	Purifier maintenance tools set and supporting equipment	Alfalaval/GEA	Included	2	
3	LO Drain Tanks	As Per MAN Specs	Imported	2	
4	LO Drain Pumps	As Per MAN Specs	Imported	2	
5	Pre Lubricated Pumps & Thermostatic Valves		MAN	2	
G	FUEL OIL SYSTEM				
1	HFO Purifier	Alfalaval/GEA	Imported	1	
2	Purifier maintenance tools set and supporting equipment	Alfalaval/GEA	Included	1	
3	HFO Flow Meter	Analogue (As Per MAN Specs)	Imported	2	

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Mitas Generators
Built To Last - Endless Power

SCOPE OF SUPPLY

Basic engine:

- The design of the engine considers first of all simplicity in maintenance.
- Cylinder block casting in special alloyed nodular cast iron; under slung main bearings. Both sides equipped with big inspection doors; providing easy access to internal components.
- The main bearing caps are secured by hydraulically tensioned studs and side bolts to ensure a maximum integrity of the crankshaft system.
- Crankshaft in Cr-Mo-steel; completely balanced.
- MIBA Rillen: both for main bearings and conrod bearings.
- Camshaft and fuel injection pumps, easy accessible on front of the engine.
- The camshaft is driven from the crankshaft through hardened gears; at flywheel side of engine.
- For easy assembling and disassembling the camshaft is modular built up.
- At the free end of the engine all water pumps, lub-oil pumps and fuel booster pump are driven from the crankshaft through a train of hardened gears housed in the pumps drive casing.
- Oblique split conrod, that can be disassembled through the liner.
- The stepped small end of the conrod features a lead-bronze bearing bush.
- Both air-collector and exhaust system in the common V-space of the engine.
- Pistons in nodular iron; piston rings specially shaped and top ring with chrome surface layer.
- Cylinder liner with anti-bore polishing ring, honed in 3 phases.
- Cylinder heads foreseen with 2 inlet- and 2 exhaust valves.
- Inlet valves equipped with rotating system.
- Nimonic exhaust valves equipped with rotating system.
- Further also a start-air-valve,an overload valve and an indicator cock per cylinder

Speed governor:

- The actuator of the electronic speed governor is built on the engine and controls the position of the racks of each fuel pump. Additional electronic equipment is delivered as a loose item for mounting in a control panel.
- Electric actuator Heinzmann with 24 V DC speed setting type Stg 16-01.
- Digital control unit Heinzmann - IP55.
- Speed pick-up IA-02-76.

Torsional vibration damper:

- The torsional vibration damper will be specified according to the results of the torsional vibration calculation of your own, specific installation.
- If required an alternative damper will be supplied without price supplement.
- A viscous damper has been foreseen as standard solution.

Flywheel and flexible coupling:

- The flywheel and the flexible coupling will be chosen in function of the results of the torsional vibration calculations which are dependent of the layout of the complete specific installation.

- The cast iron flywheel is balanced at high precision.
- Gear mounted to the flywheel - for turning the engine.
- Cover over the flywheel, supporting the air cooler.
- Flexible coupling Stromag for rigid mounting - without torsional limit device.
- Main flexible coupling will be final bored and with groove for key.

Starting arrangement:

- Compressed air starting on the cylinders (30 bar):
  - servo command for compressed air starting valve on the engine.
  - start air distributor and start air valve on each cylinder.
  - automatic air lubricator.
  - automatic water separator filter.

- Starting equipment for mounting in the installation: 1 set per power plant
  - Air bottle(s): 2 pcs
    - volume: 350 liters (dm^3)
    - pressure: 30 bar
    - complete; with manometer, shutting valve and safety valve.
  - Electro-compressor: 2 pcs
    - manufacturer: ERVOR
    - type: GO6 Air cooled
    - air intake: 34.0 m^3/h & 1 bar

Air supply to the engine:

- Turbocharger: 2pcs
  - Axial turbine and radial compressor.
  - At the flywheel side of the engine.
  - Cleaning equipment for the compressor wheel.
  - For turbine cleaning, a waterjet can be injected in the turbine entrance.
- Air filter:
  - Standard air filter on the turbocharger.
- Standard common intercooler.

Engine lubrication:

- System choice: Wet sump - extra deep.
- The engine is equipped with a single lubrication pump.
- All the oil pipes can be arranged in the factory.
- Extra deep luboil sump.
- Engine driven luboil pump
- Luboil pressure regulating valve.
- Triple oil filter on the engine; 2 elements continuously in operation.
- These filters can be cleaned with a running engine.
- Hydraulic valve for engine shut-down.
- Centrifugal luboil filter, mounted in by-pass on the engine.

- Crankcase breather, for separate exhaust pipe.
- Plate type luboil cooler.
- Luboil piping inside and outside the engine.

- Luboil filtration module: 1 per engine
  - Manufacturer: Mitsudïshi / IKL - ;Alfa Laval -> + j666 €]
  - Separator filter: 300 l/h - 3.6 kW
  - Feeding pump: 300 l/h - 0.4 kW
  - Heating coil: 14 kW
  - Sedimentation tank. 300 l
  - Electric control cabinet for viscosity and temperature control.
  - Assembling as one unit.

Luboil preheating:

Prelubrication and preheating module:

- Prelubrication pump set - 250/440 V AC - 60 Hz.
- Electrical heating of engine cooling water at engine stand-still - 12 kW.
- Circulation pump.
- Electrical unit controlling the engine heating module.

Engine cooling:

- Cylinder heads, liners and turbo cooled in closed circuit by treated water.
- Thermostatic valve controlling the water outlet temperature.
- 2 x HT cool water pumps driven by the engine.
- Split cooling circuit, including 2d thermostatic valve of 41°C.
- Connections for preheating of the engine.

- Cooling Tower

Fuel feeding on engine:

- The fuel is injected by means of individual fuel injection pumps, following an accurately studied cam profile, in order to obtain a very short injection and combustion period. This together with the low engine speed results in very low fuel consumptions.
- Individual fuel-injection pumps equipped with unloading valves.
- Fuel booster pump driven by the engine.
- Duplex fuel filters, commutable and cleanable with running engine.
- Shielded fuel injection pipes.
- Nozzles in nozzle holders.
- Hand pump for filling and deaeration of the fuel pipes.
- Diesel stop arrangement acting on the racks of the injection pumps.

- Fuel circuit on engine and fuel leakage lines.
- Heavy fuel circuit on engine.
- Fuel leakage tank with alarm.

- Fuel feeding installation equipment; delivered as loose items:
  - Lubrification pump for injection pumps, driven by electromotor - 250/440 V AC - 60 Hz.
  - Water separator gasoil filter Separ with alarm set, vacuum gauge, by-pass.

- Switchover module HFO at gasoil - per engine.
  - Permits each engine running on a different fuel.
  - Switchover on gasoil is needed for engine load below 25 %.

- Heavy fuel separator: One per engine
  - Each fuel separator module exist of the following :
    - Large potential discharge separator, with cast iron frame, and inox bowl on vertical spindle ; driven by electric motor through a friction coupling and flat belt.
      - Manufacturer: Alfa Laval / Westfalia
      - Type: S815 (or similar)
      - Installed power: 11200 kW
      - Requested flow: 2710 kg/h
      - Number of centrif. separators: 4
      - Nominal Capacity 1200 kg/h / centrifugal separator
      - Heating Capacity: 24 kW
      - Fuel density: < 991 kg/m³
      - Fuel viscosity: ≤ 106 cSt (50ºC / 122ºF)
    - Electric motor: 2850 rpm - B5 - IP55 - 2.2 kW.
    - Screw type supply pump (3 bar); electric motor driven (1400 rpm; B5; IP55; 0.4 kW)
    - Electric heating system for heating the oil from 50°C to 98°C.
    - with high temperature switch, safety valve, PT100 sensor and isolation.
    - Control (PI-type) and monitoring system, with micro-processor, and memory chips.
    - All necessary control valves, sensors, thermometers and manometers.
    - Plate steel cabinet for combined starter and power supply panel (48 V)
    - Intermediate tank for sludge.
    - Assembling to a module and electric wiring.
    - Standard set of special tools.
    - Standard set of commissioning spares.

- Fuel booster unit: one per engine
  - Double booster unit
    - Installed Power: 11200 kW
    - Requested flow: 1694 kg/h per unit
    - Nominal Capacity 1800 kg/h per unit
    - Number of fuel boosters: 4
    - Fuel density: < 991 kg/m³

- Fuel viscosity: ≤ ƒΘϬ cSt (50ºC / 122ºF)
- Suction strainer of 200 microns.
- Feeder pump: Self-priming screw pump with Pressure relief valve.
  - Nominal Capacity 700 kg/h
  - Number of centrifuges: 2 per module
  - Nominal pressure: 5 bar
- Pressure Control line and by-pass cooler.
- Pressurised, isolated desaerator vessel with heating coils.
- Circulation pump:
  - Nominal Capacity 1800 kg/h
  - Number of centrifuges: 2 per module
  - Nominal pressure: 4 bar
- Electrical fuel heater.
- Automatic filter and separate manuel by-pass filter (20 mu).
- Viscosity Control system.
- Alarm cabinet:
  - Feeder and circulation pumps activated.
  - Low level in desaerator tank.
  - Differential pressure over the automatic filter.
  - Viscosity alarms (high and low).
  - Electrical heater overheated.
  - Manometers before and after feeder pump and Booster pump.
  - Thermometers after feeder pump and heater.
  - Flowmeter - local reading.
- HFO-MDO switch-over valve.
- Certificate of classification society.

Exhaust System:

- Insulated exhaust pipes between cylinders and turbine inlet.
- Supplementary protection screen for exhaust manifold.
- Adaptation piece on turbocharger and connecting flange.
- Nominal exhaust pipe diameter: 650 mm Dn

- Dilatation compensators:
  - Dilatation compensator for gas exhaust of resilient mounted engines.

- Exhaust silencer:
  - Type: Absorption
  - Attenuation: 25 dB
  - Dn: 650 mm
  - Standard: Axial inlet - Central exhaust outle:
  - Alternative: Radial inlet Morepriðe: жθϬ € / eŶg.
    Out of centre outlet Morepriðe: бжб € / eŶg.
  - Counter flanges, seals and bolts for exhaust silencer.

- Welded supports for exhaust silencer.

Control instruments, safeties and securities:

- Control instruments on the engine itself:
  - Push buttons for start, stop, reset monitoring box and test overspeed.
  - Control lights for engine in service, alarm and stop.
  - Wiring on the engine of all sensors up to central connecting box.
  - Start and stop lever.

- Securities on the engine:
  - Electromagnetic valve for automatic stop by emitting/omitting current.
  - Mechanical stop at too low oil pressure.
  - Crankcase explosion valves.
  - Safety valve in each cylinder head.
  - Indicator cock on each cylinder.
  - Overload limiter.

- Panel mounted on the engine:
  - Engine speed indicator, with impulse sensor (pickup):
    - Engine speed indicator.
  - Temperature indication:
    - Luboil temperature at engine inlet.
    - HT cooling water temperature at engine outlet.
  - Pressure indication:
    - Luboil pressure at inlet of the engine.
    - HT cooling water pressure at inlet of the engine.
    - Charge air pressure.

- Filthiness indicator on filters:
  - On luboil filter.

- Local thermometers:
  - Luboil temperature at inlet of luboil cooler.
  - Luboil temperature at outlet of luboil cooler.
  - Cooling water temperature at inlet of luboil cooler.
  - Cooling water temperature at outlet of luboil cooler.
  - Charge air temperature at inlet of charge air cooler.
  - Charge air temperature at outlet of charge air cooler.

- Exhaust thermometers:
  - On each cylinder.
  - At turbocharger inlet.
  - At turbocharger outlet.

- Alarm signals (on/off):
  - Pressure switches:
    - Luboil pressure too low.
    - HT water pressure too low.
  - Thermo switches:
    - Luboil temperature too high.
    - HT cooling water temperature at engine outlet too high.
  - Float switches foreseen from ABC:
    - Minimum level in oil tank.
    - Fuel leakages from shielded injection pipes.
  - Contactors:
    - Overload microswitch.

- Engine stops (on/off):
  - Engine overspeed.
  - Luboil pressure too low at inlet of engine.
  - Cooling water temperature too high at outlet of the engine.
  - Oil mist detector.

- Analogue sensors (4-20 mA):
  - Analogue pressure sensors:
    - Luboil pressure at engine inlet.
    - HT cooling water at engine inlet.
    - Fuel oil supply after the filter.
    - Charge air pressure.
    - Starting air pressure.
  - Analogue temperature sensors:
    - Luboil temperature at inlet of the engine.
    - Luboil temperature at outlet of luboil cooler.
    - HT cooling water temperature at engine outlet.
    - Charge air temperature before charge air cooler.
    - Charge air temperature after charge air cooler.

- Exhaust-gas temperature instrumentation:
  - Analog sensors (4-20 mA) for exhaust temperature per cylinder and at inlet turbo.
  - Pyrometric pipe on engine.
  - Analog sensor (4-20 mA) for exhaust temperature after the turbine.
  - Measuring and control unit CMR (4-20 mA) delivered as loose item.

- Local control and monitoring panel:
  - Push buttons for start, stop, reset monitoring box and test overspeed.
  - Controllights for engine in service, alarm and stop.
  - Convertor for electromagnetic impulses to a 4-20 mA signal (engine).

- Convertor for electromagnetic impulses to a 4-20 mA signal (turbo).
- Diesel monitoring unit built in eurorack 19".
- Speed-control-unit:
  - Firing speed.
  - Overspeed control.
  - Speed setting card with two additional levels.
- Alarm management unit:
  - Additional alarm print.
  - Automatic switching from main power feed to back-up power feed.
  - Wire break control.
- Hour-counter in diesel monitoring unit.

Assembling and running on trial of the engine in ABC:

- Assembling of the engine.
- Running-in and running on first trial.
- Engine test bench reception in presence of client.

Alternator:

- Brushless synchronous generator with built-in compound excitor and automatic electronic voltage regulation.

Manufacturer:	Leroy Somer	or equivalent
Type:	LSA 56 - 60	
Nominal speed :	750 rpm	
Frequency:	50 Hz	
Tension:	11 kV	
Standard Rules:	IEC 34 / VDE 0530	
Ambient air temperature:	40 °C	
Ambient height:	0 m	
Power factor:	0.8	
Protection:	IP23	
Insulation class:	H	
Temperature rise class:	F	
Net capacity - on site:	2622 kWe / 3277 kVA	
Requested power - on site:	2500 kWe / 3125 kVA	
Overload:	1 hr every 12 hrs	
Execution:	Double bearing with roller bearings	
Droop setting included:	0 - 6 %	
Anti condensation heater:	230 V	

- 6 x PT100 in stator windings.
- 1 x PT100 per bearing.
- Terminal box on top of the stator - IP54.
- Equipment for parallel operation of alternators.
- Equipment for manuel voltage adjustment.
- Air filter on alternator inlet.

Welded frame:

- Frame for engine and alternator.
- Foundation bolts for rigid mounted engine and alternator on base plate.
- Vibracon chocks between frame and alternator.
- Cushifeet, base plates and foundation bolts.

Assembling of the genset:

- Assembling of engine and alternator on frame, alignment flexible coupling.

Test run of the genset

- Test run of engine and generator.

Electrical system:

- Electrical switchboard:
  - Panel internally and externally spray painted in RAL 7032, mounting plate alu-zinc.
  - All components fully wired, layed in PVC trenches with removable covers.
  - Signal leds, switches and push buttons finished with engraved text plates.
  - Wiring conform to IEC; and respect to colour code.
  - All wiring coded with a number with the connection terminal.
  - All parts carrying 50V or more protected against accidental touch by isolating covers.
  - Each panel with forced ventilation system, ventilating grids and illumination.

- Power cubicle with circuit breaker per genset:
  - Switchboard in metal sheet construction - Protection IP54-7.
    - Busbar for power distribution - 3 x 11 kV.
      - Nominal power: 15500 kVA
      - Nominal voltage: 11 kV - 3 phases
      - Nominal current: 814 A
    - Current transformers for current and power measurement. 6 pcs
    - Voltage transformers. 3 pcs
    - Circuit breaker with built-in short-circuit and overload protection.
      - Nominal power: 3875 kVA
      - Nominal voltage: 11 kV - 3 phases
      - Nominal current: 203 A
    - Motorised operation of the circuit breaker.
    - Circuit breaker drawout frame.
    - Breaker position indication lamps and nameplates.

- Cubicle with measuring and control instruments:
  - Switchboard in metal sheet construction - Protection IP54-7.
    - Intelisys genset control system.
    - Bus-bar measuring:
      - Voltmeter between phases and between phases and neutral line.
    - Bus-bar protections:

- Overvoltage between 3 phases.
- Undervoltage between 3 phases.
- Voltage asymmetry control.
- Control of over/under frequency.

- Generator measuring:
  - Voltmeter between phases and between phases and neutral line.
  - 3 ammeters.
  - Frequency meter.
  - Cosinus phi meter.
  - Kilowatt meter.
  - kVAR-meter.
  - Kilowatt hour meter.
  - Kilo-VAh-meter.
- Alarms and stops for the alternator:
  - Overvoltage between 3 phases.
  - Undervoltage between 3 phases.
  - Voltage asymmetry control.
  - Current unbalance.
  - Control of over/under frequency.
  - Overintensity control 3 phases.
  - Overload security.
  - Short-circuit relay.
  - Checking insulation fault.
  - Reverse power relay.
- Engine control switch (Stop - Off - Auto - Test off-line - Test on-line).
- PLC control part:
  - 32 digital inputs:
    - Generator circuit breaker in.
    - Remote start/stop.
    - Emergency stop.
    - Remote reset of engine.
    - Remote start of engine.
    - Alarm - compressor failure.
    - Alarm - cooling water pre-heater failure.
    - Alarm - cooling unit failure.
    - Alarm - Bucholz.
    - Alarm - generator anti-condensation heater fault.
    - Stop - lubrication oil pressure too low.
    - Stop - lubrication oil temperature too high.
    - Stop - cooling water temperature too high.
    - Stop - cooling water level too low.
    - Stop - engine overload.
    - Alarm - lubrication oil pressure low.
    - Alarm - lubrication oil temperature high.

        - Alarm - cooling water temperature high.
        - Alarm - high level in fuel leakage tank.
        - Alarm - fuel level too low.
        - Fuel level low: start pump.
        - Fuel level high: stop pump.
    - 12 analog inputs:
        - Control of generator winding temperature.
        - Control of generator bearings temperature.
        - Lubrication oil pressure.
        - Cooling water temperature.
        - Luboil temperature.
        - Engine room temperature.
    - 24 digital outputs:
        - Engine start/stop.
        - Circuit breaker on/off.
        - Release AVR.
        - Release PF controller.
        - Engine speed-up/down.
        - Service hour counter.
        - Acoustic alarm.
        - Alarm lamps.
        - Potential free contact for genset not available.
        - Potential free contact for genset in operation.
        - Start/stop prelubrication pump.
        - Start/stop cooling water preheater.
        - Start/stop cooling water circulation pump.
        - Start/stop cooling unit fan.
        - Start/stop fueltank feeding pump.
        - Start/stop fuel booster module.
        - Start/stop fuel centrifuge.
    - Display: 4 lines of 20 characters, 4 function keys and 10 numerical keys.
    - Values: generator status, each alarm and stop, 24 V feeding.
    - Program: start/stop of engine and auxilliaries.
    - Function keys:
        - Accept alarm.
        - Reset failure.
        - Automatic, stand-by, manual.
        - Manual start.
        - Manual stop.
        - Genset out of operation.
    - Internal protection for:
        - Overspeed.
        - 24 V DC backup voltage low.
        - Start failure.

- PLC control part (16 inputs and 16 outputs) for multiple gensets: 1 / 4 eng.
  - Prograŵ for: start/stop geŶerator б, ϯ, ϯ, ...
  - Control of generator circuit breaker 1,2,3,..
  - Control of main circuit breaker.
  - Synchronisation control, control of the auxilliaries.
  - Annunciator and horn.
  - Display: 4 lines of 20 characters, 4 function keys and 10 numerical keys.
  - Values: Generator status, mains status, prelubrication, fuel tank level.
  - Function keys: reset failure, accept failure.

- Neutral earthing: 1 x for the power plant
  - Metal cubicle for floor mounting, with copper busbar.
    - Protection class IP42 according to DIN/IEC.
    - 1 isolation switch, motor operated, single pole, load break type.
    - 1 overcurrent relay.
    - 1 mechanical indicator for ON/OFF position of isolation switch.
    - Neutral earthing resistor in IP20 enclosure, galvanized 30A/30s.
    - Cable type current transformer.

- Cubicle with synchronising and load sharing equipment: 1 x for the power plant
  - Synchronoscope for manual synchronisation with:
    - Synchro check relay.
    - Double voltmeter.
    - Double frequency meter.
    - Push buttons for increasing / decreasing engine speed.
    - Push buttons for increasing / decreasing alternator voltage.
    - Push buttons for opening / closing the main circuit breaker.
    - Selector switch for choosing the alternator to be synchronised.

  - Automatic synchronisation:
    - Automatic governing of tension and frequency.
    - Selectorswitch: automatic/off/manual.
  - Load sharing module (kW).
  - Load sharing module (VAR).
  - Reverse power protection.

- MCC - Motor control panel: 1 x for the power plant
  - Incoming panel: 11 kV
    - Maintenance switch 4 poles 1600 A
    - 3 current transformers.
    - 1 voltmeter and selector switch.
    - 3 ammeters.
    - 1 kWh meter.

- Feeder lines for each engine: With 3 phase magnetic contactor.
  - Lube oil centrifuge. 16 A
  - Preheating and circulation pump. 5 A
  - Cooling tower. 20 A
  - Fuel centrifuge. 32 A
  - Fuel booster module. 60 A 40 kVA
  - Anti-condensation heater for the alternator. 6 A 4 kVA
- Common feeder lines for the powerhouse: 1 x for the power plant
  - Start air compressor. 4 A
  - Ventilation of the machine room. 640 A
  - Fuel tank heating. 160 A
  - Overhead crane. 16 A
  - Powerhouse lighting. 16 A
  - Each line foreseen with indication lamp and selector auto/manual.

- DC system: 1 x for the power plant
  - Automatic battery charger with a capacity of 24 V DC x 84 A :
    - Alarm for fault in battery charging.
    - Voltmeter and ampere-meter.
    - Warning lights.
    - Fuses for battery charger.
  - Set of DC distribution exits with circuit breaker double pole.
    - Number of exits: 4
    - Capacity : 18 A
  - Lead batteries with a total capacity of 80 Ah.

- UPS system, complete with: 1 x for the power plant
  - Rectifier bridge 320 kVA
  - Batteries 24 V
  - AC generator 60 Hz
    Suitable for 5 min continuous operation

Finishing:

- Painting of the group. RAL 6011
- Painting frame of compressor and starting air bottles. RAL 6011

Standard Tools: 1 set per power plant

- Normal tools in box delivered with the engine:
  - Dynamo key with accessories.
  - Lever for priming the fuel pumps.
  - Tool for dismounting nozzle holder.
  - Tool for controlling opening pressure of the nozzle.
  - Tool for lifting a cylinder head.
  - Tool for assembling and disassembling exhaust and inlet valves.

- Tool for valve grinding.
- Tool for disassembling water pump.
- Turning rod with protective spring.
- Turning equipment.

Installation accessories: delivered as loose items.

- Engine will be delivered with counter flanges and pipe couplings.
- Lifting eyes for the engines.
- Levelling and aligning accessories.
- Nameplate and 2 small flags ABC.
- Greater ABC flag of 2 m lenght.
- 1 kg paint.

- Flexible hoses: delivered as loose items.
  - Flexible hoses for the deaeration of the jacket cooling circuit.
  - Flexible hoses for jacket cooling circuit.
  - Flèxible hoses for fuel circuit.
  - Flexible hoses for start air system.
  - Flexible hoses for the lube oil circuit.

Spare parts for the engine: 1 ser for the power plant

- Standard spare parts for engines without approval prescriptions:
  - set of piston rings
  - valve springs & collars
  - valve seat inserts
  - nozzle
  - cylinder head gasket
  - safety valve
  - air starting valve
  - valve guides
  - inlet and exhaust valve
  - injection pipe
  - spring and non-return valve from fuel pump
  - set joints and O-rings

STUDIES, DESIGN, INSTALLATION AND SITE CONSTRUCTION THROUGH LOCAL CONTRACTORS

Design and documentation for installation contractor:

- Over all dimensional drawings for the engine.
- Over all dimensional drawings for the genset.
- Schematics for cooling water circuits.
- Schematics for fuel circuits.
- Schematics for starting air circuits.
- Schematics for luboil circuit.
- Schematics for engine alarm and control system.
- Installation prescriptions
- Data requested for determining auxiliaries; on demand.
- Discussion in ABC of installation works with installation contractor.
- Torsional vibration calculation for the complete installation
- Control calculation for the flexible suspension of the engine.
- Control of engine foundation design made by the installation contractor.

- Control of the layout as made by the contractor for installing.
- Calculation of the thermal balance.
- Calculation of the flow of of the exhaust gases.
- Calculation of the flow of all water cooling circuits.

Documentation for the final client:

- Choice for the language: Dutch, French, English, German or Spanish.
- Number of copies: 2
- Description and applications manual.
- Installation prescriptions
- Overall dimensional drawings for the genset.
- Schematics for cooling water circuit.
- Schematics for fuel circuit.
- Schematics for starting air circuit.
- Schematics for luboil circuit.
- Operating manual.
- Spare parts book.
- Maintenance manual.
- Testbench report.
- Classification certificate.

Control and startup of the installation:

- The works here mentioned are only controls and assistance in starting-up the installation, and not at all the installation works themselves.
  - Inspection of correct placing of engine and auxiliaries.
  - Control of the correct alignment of the engine.
  - Control of the correct functioning of all engine circuits.
  - Control of the alarms and securities of the engine.
  - Control for correct cabling of the genset(s).
  - Control of any short-circuits, insulation and earthing tests.
  - Control of the electrical switchboard.
  - Control of the fuel treatment system.
  - Start-up of the engine and test-run.

IRRIGATION DEPARTMENT

GOVERNMENT OF SINDH

NABISAR POWER PROJECT

BUDGETARY ESTIMATE

G3 Engineering Consultants Pvt Ltd

57-M, Gulberg-III, Lahore, Pakistan

Ph: 042-35441641-3 Fax. 042-35441645

Website: www.g3ec.com , E-mail: info@g3ec.com

G3 ENGINEERING CONSULTANTS (PVT.) LTD.
www.g3ec.com

Ref: G3/0073/158

Dated: October 12, 2016

The Executive Engineer
Thar Coal Water Works
Mirpurkhas.

SUBJECT: **Consultancy Services for Designing/Supervision and Monitoring the Works for of Pre-Treatment System for RO Plant LBOD Water Supply Scheme at Nabisar for Thar Coal Power Project**

- SUBMISSION OF COST ESTIMATE

Dear Sir,

Refer to subject mention project we have pleasure in submitting here with the cost estimate of the project for further necessary action.

Assuring you of our best professional services.

Yours faithfully,

For and on behalf of J.V of
G3 Engineering Consultants (Pvt.) Ltd.

(Engr. Syed Ali Abbas Gillani)
Managing Director

CC:

- Project Director, Thar Coal Water Works Mirpurkhas.
- Chief Executive, G3 Engineering Consultants (Pvt.) Ltd.
- Project Manager, Thar Coal, G3 Engineering Consultants (Pvt.) Ltd.
- Project File
-

Attached:

- Engineer Estimate

Head Office: House No.57- M, Gulberg-111, Lahore, Pakistan
Tel: (92-42) 35441641-3
Fax: (92-42) 35441645 ; **Email:** info@g3ec.com

IRRIGATION DEPARTMENT

GOVERNMENT OF SINDH

NABISAR POWER PROJECT

BUDGETARY ESTIMATE

GEE

G3 Engineering Consultants Pvt Ltd

57-M, Gulberg-III, Lahore, Pakistan

Ph: 042-35441641-3 Fax: 042-35441645

Website: www.g3ec.com , E-mail: info@g3ec.com

PROJECT INFORMATION

CONTENTS:

A: GENERAL

Expected timeline for project completion - *December / 2017*

Client's Name:
Client's contact person : Haji khan Jamali
Address:
E-mail:
Telephone:
Fax:

B: CIVIL & SITE CONDITIONS

Communication & Accommodation

Telephone lines available :	*no*
High speed internet connection at site available :	*no*
Cellular phones functional at site :	*yes*
Accommodation availability :	*no*

Roads

Existing access road to site :	*Yes*
New access road required :	*No*

Site layout

Altitude above sea level:	150 Meters
Estimated height differences at site:	02 Meters
Site slopes towards:	*north-west*
Area of site in m^2:	TBA
Measured length (m):	TBA
Measured width (m):	TBA

Ambient conditions

Ambient temp:	*MAX 44 Deg C /MIN 4 Deg C/YEARLY AVERAGE 20 Deg C*
Average Relative Humidity *(%)*:	35%
Average Wet Bulb Temperature: *(°C)*:	
Prevailing wind direction (from → to):	TBA
Maximum rainfall (mm/h):	40 mm / year, rare
Rainy months:	Feb – March – Nov - December

Wind loads

Maximum wind speed *(m/s)*:	40 MPH

Seismic activity

Seismic area	*no*

G3 ENGINEERING (PVT) LTD

Seismic zone:
Code:
Last Seismic activity *(year / strength)*: NA
Frequency of seismic activity:
Strongest seismic activity registered: TBA

Existing site structures, obstacles and contamination
Any contamination observed at site area: Chlorides & Nitrates at surface / below

Existing structures at site: *no*

Other obstacles interfering with construction: *no – Soil Filling / Compaction required*

Estimation of extent of site preparation
Ground water level at what depth *(m)*: *400 Mtrs*

Large landfill requirement: *no*
Quantity estimation in m^3:

Large cut or dredging: *yes*
Quantity estimation m^3:

Soil Investigation Report: *Results to be provided by client*

How site drainage is presently arranged:
Size of discharge pipes: Open

Air quality for air-filtration
Estimate air quality *(Tick one please)*:
☐ Rural country side, light industrial areas; No heavy dust concentration
☒ Heavy dust concentration in industrial areas or dust storm areas

Dust level (mg/m^3):

Any special air pollutant *(like cement factory, corrosive atmosphere...)*: *Dust Storm Area*

Environmental requirements
Environmental / Emission regulations *(default being World Bank Guidelines)*:
Environmental study required: *yes*
Environmental study performed: *no- Client action awaited*
Environmental permits obtained: *TBA*
Special noise requirements (normal default 70 dB(A) at perimeter fence): Yes, against engine noise
Other noise sources that produces background noise above 70 dB(A), Air Compressors
Estimated distance to closest noise receptor: Contained Within the plant site
Any other special local environmental regulations and laws: EPA

Construction issues

Electrical power available to contractor for carrying out construction activities at site: *not yet*
Voltage/Frequency (V/Hz): 400 V- 50 CPS

Water available to contractor for carrying out construction activities at site: *By Client*
Water source:

Existing sewage infrastructure: NA

Other observations and recommendations (civil & site conditions): Remote Site – 250 KM from Karachi port

C: MECHANICAL

Liquid fuel *(composition to be attached)*
HFO – Viscosity at 50°C: Per Tender Supplied Specs, LHV: Per Tender Supplied Specs
LFO – Viscosity at 50°C: Per Tender Supplied Specs , LHV: Per Tender Supplied Specs
Gas fuel *(composition to be attached)* *N/A.*
Line Pressure (bar, absolute):
LHV:

Primary fuel: LFO
Secondary fuel: HFO

Cooling

Radiators required *(preferred for water conservation reasons)*:	*Yes*
or, Cooling Towers required:	*Optional*
Water source:	
Water analysis: *(results to be provided by client)*	TBA

Steam Requirement *no*
Full heat recovery or *yes*
Only for fuel heating *(yes/no)*
Superheated / Saturated *(please tick one)*, NA - Pressure: ____bar(a), Flow: _____ kg/h

D: ELECTRICAL

Generated Voltage: 11 kV ± 0.5%
Generated Frequency: 50 Hz ± 1%
Auxiliary Voltage (V): 400

Parallel Operation Requirements

With Grid:	*yes*
With Existing DG Sets *(tech. specs of existing DG sets to be attached, if applicable)*:	*NA*

Power Requirement

Total connected load (kW):
Maximum load (kW):
Minimum load (kW):
Critical loads (kW):
Biggest load / Starting Torque of biggest motor or load source (kW):
Expected running hours per year:
Daily load profile for a typical day in summers: *(to be attached)*
Daily load profile for a typical day in winters: *(to be attached)*
Expansion Plan *(if any)*:

Total captive power capacity required (MWe): 05 MWe
Genset capacity preference *(if any)* (MWe): 2X2.5 Net at site
Preference for no. of gensets *(if any)*: 2

E: ADDITIONAL INFORMATION ABOUT SITE

- Site layout and site coordinates – to be attached -	TBA
- Electrical single line diagram (SLD) – to be attached	Included in Tender Document
- Client's intention to propose on EPC basis:	*yes*
- Client's intention for performing civil/mech/elec works themselves:	*no*

ESTIMATE AND BOQ FOR 5 MW NABISAR HFO POWER GENERATION PLANT ON TURNKEY EPC BASIS

S.No	ACTIVITY	Unit	Qty	Unit Price	Unit Price (Pak Rs)	Total Price	
A	**05 MW NABISAR THAR HFO BASED POWER PLANT - 2 X 2.5 MW net at site**	Lot	1				
	OFF-SHORE SUPPLIES INCLUDING INSURANCE AND FREIGHT UPTO KARACHI			**USD**	1USD@106		
1	HFO generating set as per bidder design and to fulfill the conitious working of Load connected with Plant as per SLD attached. Tentative specification are given in Specification Chapter of the Tender documents	Lot	1	3,050,000.00	323,300,000.00	323,300,000.00	
2	Cooling Water System	Lot	1	65,000.00	6,890,000.00	6,890,000.00	
3	Exhaust Gas Boiler System	Lot	1	175,000.00	18,550,000.00	18,550,000.00	
4	HFO/LFO Modules and system	Lot	1	825,000.00	87,450,000.00	87,450,000.00	
5	Lube Oil System	Lot	1	125,000.00	13,250,000.00	13,250,000.00	
6	Starting Air and Instrument Air System	Lot	1	110,000.00	11,660,000.00	11,660,000.00	
7	Electrical Auxiliary Equipment New Electrical auxiliaries - Incl. switchgear panels & PT panels - Incl. Busbars & Outgoing Feeders - Incl. DC power supply 24 VDC / 110 VDC - Incl. DC battery charger & batteries - New MCC for misc aux equipments - Black-start Generator Set 250 kVA	Lot	1	869,000.00	92,114,000.00	92,114,000.00	
8	Spare Parts & Necessary Tools	Lot	1	45,000.00	4,770,000.00	4,770,000.00	
9	Power House Maintenance Overhead Crane approx 10T	Lot	1	140,000.00	14,840,000.00	14,840,000.00	
11	Basic and detailed Design of Plant	Lot	1	130,000.00	13,780,000.00	13,780,000.00	
12	Technical Training, On-site	Lot	1	20,000.00	2,120,000.00	2,120,000.00	
				5,554,000.00		**588,724,000.00**	
	ON-SHORE SUPPLIES INCLUDING SITE SERVICES						
11	Design and supply of HFO, LFO and Lube Oil, Storage, Daily and separate Tanks Farms as per Plant design and requirements	Lot	1		25,000,000.00	25,000,000.00	
12	Plant 2x3.5MVA distribution transformer, panels and necessary Power Cables	Lot	1		19,900,000.00	19,900,000.00	
13	Installation & Commissioning, Inland Transportation + Clearance and Handling at port, Insurance, Supervision by Expat inluding taxes	Job	1		45,000,000.00	45,000,000.00	
14	Power House Building, Foundations for Gensets and Tank Farm and other necessary civil works including Boundary and fence of power plant	Job	1		90,000,000.00	90,000,000.00	
15	Testing and testing expat for Reliable Run Testing	Job	1		15,000,000.00	15,000,000.00	
						194,900,000.00	
	Total Price					**783,624,000.00**	
	Provisional Sum (duties,Taxes at Port, contigencies, Unforseen, and fuel for testing)					197,000,000.00	
	GRAND TOTAL PROJECT COST					**980,624,000.00**	

ANJ
Global Management

ANJ

M/S G3 Consultants,
Lahore,

Dear Sirs,

In line with your request for the special discount in budgetary price for the complete 5 MW Thar HFO EPC Project, we hereby attach the best quote from our principles M/S Mitas who are well competent and experienced in power sector EPC projects.

In case of any further assistance and placing your valued order, kindly do not hesitate to contact us.

Counting towards your great cooperation as usual.

Best Regards

ANJ GLOBAL MANAGEMENT

Adnan Mubasher
Regional Sales Manager

ADDRESS: 3/G BLOCK-6, P.E.C.H.S KARACHI 75400 PAKISTAN
UAN : (+92) 111 482 482 EMAIL : info@anjglobalmanagement.com
WEB : www.anjglobalmanagement.com

Mitas Generators
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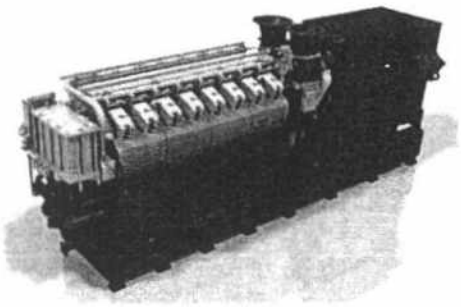

G3 - 5 MW THAR HFO EPC PROJECT

PAKISTAN

Mitas, Feb/3/2017

Quotation: A2196 - 2 x 16VDZC-750 -2.500 kWe G3 - 5 MW THAR HFO EPC PROJECT

M/s ANJ Global Management

Dear Sir,

We sincerely thank you for your price enquiry and have the honour to present you, herewith enclosed and according to our general sales conditions, our detailed quotation.

For any Queries Kindly Contact our Local Rep ANJ Global Management

Yours sincerely,

Valentin Bularca
Electrical Engineer
Sales Director & Marketing

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TECHNICAL DATA

Application: C0

▪ Industrial genset	2 engines	

Basic characteristics of the engine:

▪ Engine manufacturer:	ABC	Anglo Belgian Corporation nv
▪ Engine type:	16 DZC	Turbocharged and intercooled
▪ Cycle:	4 stroke - single working	
▪ Sense of rotation:	Counter clockwise - looking to the flywheel	
▪ Number of cylinders:	16	
▪ Bore:	256	mm
▪ Stroke:	310	mm
▪ Swept volume per cylinder:	15.96	liters (dm^3)
▪ Total swept volume:	255.30	liters (dm^3)
▪ Compression ratio:	12.10 : 1	
▪ Nominal speed:	750	rpm
▪ Idling speed:	400	rpm (minimum)
▪ Engine torque:	34377	Nm
▪ Break mean effective pressure:	16.9	bar

Ambient conditions:	ISO:	On site:
▪ Ambient air temperature:	25 °C	40 °C
▪ Water temperature at intercooler inlet:	25 °C	47 °C
▪ Barometric pressure:	100 kPa	0 m (height)
▪ Relative humidity:	30 %	60 %
▪ Derating:	0 %	3.6 %

Engine power rating according to ISO 3046-1:	HP	kW	rpm
▪ Engine nominal power [ISO]:	3861	2840	750
▪ Requested engine power [ISO]:	3807	2800	750
▪ Requested engine power at site:	3671	2700	750
▪ Permitted overload:	10%	maximum 1h every 12h	

Luboil consumption according to ISO 3046-1:

▪ Luboil consumption at full load:	0.45	g/kWh
▪ Tolerance:	+/- 0,3	g/kWh

Fuel consumption according to ISO 3046-1 conditions:

▪ Engine built for burning:	HFO - Heavy fuel oil			
▪ Reference fuel caloric value Hu:	Diesel	42700	kJ/kg	
▪ Fuel consumption at full load:	139.0	g/HP/h	189.0	g/kWh

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Tolerance:	+ 5%	without engine driven pumps