

**ANNOTATED REPLIES**

**OBSERVATIONS**

**REPLIES**

Sr. No.	OBSERVATIONS	REPLIES
01	<p><b>Rule - 15(2)(b)(iii)</b>                      A Procuring Agency may opt for National Competitive Bidding for Procurement with an estimated cost equivalent to US \$ 10 Million or above, where the Procuring Agency is convinced that it is the most economical and timely way of Procuring Goods, works or Services which by their nature or scope are unlikely to attract foreign competition. Provided that the Head of the Department of the Procuring Agency, while making decision to opt for the National Competitive Bidding shall record reasons and justification for his decision.</p>	<p>To, opt National Bidding Competition, because the National Companies contains the Technical personnel capabilities and fully equipped to cope the job and their rates are mostly economical in comparison of the foreign investor whose rates would be times more than these rates, hence the National bidding competition is justified.</p>
02	<p><b>Rule - 21(A)</b>  <b>Evaluation Criteria:-</b> The Procuring Agency shall formulate an appropriate evaluation criterion, listing all the relevant information against which a bid is to be evaluated and criteria of such evaluation shall form an integral part of the bidding documents. The failure to provide a clear and unambiguous evaluation criteria in the Bidding Documents amount to mis-procurement.</p>	<p>The evaluation of the Bidding have been carried out as per criteria specified by the SPPRA Rules 2010.</p>
03	<p><b>Rule - 21(4)</b>                      All Procuring agencies shall hoist the bidding documents on Authority's website as well as on the website of procuring agency; in case the procuring agency has its own website.</p>	<p>The Procuring Agency has hoist all bidding documents on Authority's website, receipt of which is attached herewith.</p>
04	<p><b>Rule - 24(2)</b>                      The Bidders may submit bids on the bidding documents issued by the Procuring agency or downloaded from the Authority's website along with tender fee if any by hand or by hand.</p>	<p>All bidder had submitted their bids by hand after completing all codal formalities.</p>
05	<p><b>Rule - 28:- Process of Pre-qualification -</b>                      (1) To prequalify for bidding on a specific contract or package;                      (a) invitation to prequalify on specific contract or package shall be advertised and notified as per Rules 17 and 18                      (b) procuring agency shall provide a set of pre-qualification documents containing scope of contract, a clear set of requirements for qualification and evaluation criteria to any supplier or contractor, subject to payment of price, if any, which shall not exceed the limit, as prescribed in these Rules; and shall indicate the time and place where the documents can be obtained. Alternatively, if the procuring agency does not wish to issue pre-qualification documents, it shall include the scope of work and a clear set of requirements for pre-qualification and the evaluation criteria in the notice for pre-qualification.                      (c) all applicants found capable of carrying out the assignments in accordance with the approved prequalification criteria shall be prequalified and invited to submit bids.</p>	<p>Followed as per SPPRA Rules 2010                      Followed as per SPPRA Rules 2010                      Followed as per SPPRA Rules 2010</p>

Sr. No.

**OBSERVATIONS**

**REPLIES**

	<p>(d) Verification of the information provided by the shortlisted applicants in the submissions for prequalification may be made. In case the information is found to be wrong or incorrect in any material way or the applicant is found to be lacking in the capability or resources to successfully perform the contract, the application shall not be prequalified.</p> <p>(e) procuring agency shall promptly notify each and every applicant, whether or not it has been pre-qualified, and also make available to any person directly involved in the pre-qualification process, upon request, the names of all suppliers or contractors who have been pre-qualified.</p> <p>(f) procuring agency shall, on written request of the applicant(s) communicate to the applicant(s) the reasons for not pre-qualifying them, though it shall not be obliged to justify these reasons.</p> <p>(g) only suppliers or contractors, who have been pre-qualified shall be entitled to participate further in the procurement proceedings.</p> <p>(2) The procuring agency shall mention, in the pre-qualification documents,</p> <p>(a) all information required for pre-qualification, pertaining to the factors mentioned at Rule 27 (2);</p> <p>(b) instructions for preparation and submission of the pre-qualification documents;</p> <p>(c) evaluation criteria;</p> <p>(d) list of documentary evidence required from the applicants to demonstrate their respective qualifications;</p> <p>(e) any other information that the procuring agency deems necessary for pre-qualification.</p> <p>(3) In case of pre-qualification of consultants, provisions of Rules 73 and 74 shall apply.</p>	<p>Followed as per SPPRA Rules 2010</p> <p>Followed as per SPPRA Rules 2010</p> <p>Followed as per SPPRA Rules 2010</p> <p>Followed as per SPPRA Rules 2010</p> <p>Attached</p> <p>No</p> <p>Followed as per SPPRA Rules 2010</p>
066	<p><b>Rule: - 48: - Acceptance of Bids -</b> Even when only one bid is submitted, the bidding process may be considered valid, if the bid was advertised in accordance with rules, and prices are comparable to the prices or rates of the last awarded contract or the market prices.</p>	<p>Followed</p>

  
**Executive Engineer**  
Tube Well Division  
Morporkhas

**(D) LIST OF DOCUMENTARY EVIDENCE REQUIRED FROM THE APPLICANTS TO DEMONSTRATE THEIR RESPECTIVE QUALIFICATIONS;**

1. *PEC Certificate*
2. *CNIC.*
3. *NTN.*
4. *Audit Report*
5. *List of Works completed.*
6. *List of Works in hand.*
7. *List of Staff*
8. *List of Machinery.*
9. *Bank Statements.*
10. *Certificate of completion works.*
11. *Affidavit for any mitigation and litigation.*
12. *Affidavit for Partnership deed.*
13. *Registration of Company with Chamber of Commerce*

# SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

## CONTRACT EVALUATION FORM

### TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPTT Irrigation
- 2) PROVINCIAL / LOCAL GOVT / OTHER Provincial
- 3) TITLE OF CONTRACT TC-SPPS-L.B.O.D Package No. 1 Mechanical & Solar Work
- 4) TENDER NUMBER NO. TC/C-65/TWD/125 DATED 04-08-2014
- 5) BRIEF DESCRIPTION OF CONTRACT TC-SPPS-L.B.O.D Package No. 1 Mechanical & Solar Work
- 6) FORUM THAT APPROVED THE SCHEME Chief Engineer, Irrigation Development Region-II, Hyd
- 7) TENDER ESTIMATED VALUE 1,867,880,000/-
- 8) ENGINEER'S ESTIMATE 1,556,400,000/-  
(For civil works only)
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 365 Days
- 10) TENDER OPENED ON (DATE & TIME) 03-09-2014
- 11) NUMBER OF TENDER DOCUMENTS SOLD 05  
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED 05
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 01
- 14) BID EVALUATION REPORT Attached  
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/S PAKOASIS Pvt. Ltd.
- 16) CONTRACT AWARD PRICE 1,597,400,000/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT  
(i.e. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> EVALUATION BID) 1st M/S PAKOASIS PVT. LTD.

18) METHOD OF PROCUREMENT USED :- (Tick one)

- a) SINGLE STAGE - ONE ENVELOPE PROCEDURE Local  Domestic/ Local
- b) SINGLE STAGE - TWO ENVELOPE PROCEDURE
- c) TWO STAGE BIDDING PROCEDURE
- d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS:

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT \_\_\_\_\_

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT

i) SPPRA Website  
(If yes, give date and SPPRA Identification No.)

Yes	Pre-qualification No. 173 Dt:12-03-2014 Tender Letter SPPRA/21131 dt: 07-8-2014
No	

ii) News Papers  
(If yes, give names of newspapers and dates)

Yes	
No	

22) NATURE OF CONTRACT

Supply	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA  
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA  
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A  
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED  
BID / BEST EVALUATED BID) (in case of Consultancies)

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY  
COMPLIANT?

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT  
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF  
CONTRACT?  
(Attach copy of the bid evaluation report)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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31) ANY COMPLAINTS RECEIVED  
(If yes, result thereof)

Yes	
No	No.

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS  
(If yes, give details)

Yes	
No	No.

33) WAS THE EXTENSION MADE IN RESPONSE TIME?  
(If yes, give reasons)

Yes	
No	No.

34) DEVIATION FROM QUALIFICATION CRITERIA  
(If yes, give detailed reasons.)

Yes	
No	No.

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT  
BLACK LISTED?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE  
SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO  
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD.  
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN  
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY  
(If yes, give Brief Description)

Yes	
No	No.

Signature & Official Stamp of  
Authorized Officer

  
**EXECUTIVE ENGINEER**  
**Tube Well Division**  
**Mirpurkhas.**

**FOR OFFICE USE ONLY**

**SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi**

**Tele: 021-9205356; 021-9205369 & Fax: 021-9206291**

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BID EVALUATION REPORT (11) NUMBER OF TENDER DOCUMENTS SOLD (05) NOS FOR "PACKAGE NO. 01 "TC-SPPS-LBOD-MECHANICAL & SOLAR WORK".

1. *M/S PAK OASIS Pvt. Ltd.*
2. *M/S Saeed Khan Construction Co.*
3. *M/S AA-TE (J.V.)*
4. *M/S SKAFS Int. Pvt. Ltd*
5. *M/S IT-IT (J.V.)*

## BID EVALUATION REPORT

- |  |   |
|--|---|
| 1. Name of Procuring Agency:           | Executive Engineer, Tube Well Division, Mirpurkhas  |
| 2. Tender Reference No.                | Letter No. TC/G-55/125 dated 04-08-2014,  |
| 3. Corrigendum.                        | Letter No. TC/G-55/153 dated 22-08-2014.  |
| 4. Name of Work:-                      | Boring & Installation of 250 Nos. Tube Well on Solar Energy for assured supply of 100 cusecs for Thar Coal from LBOD Spinal Drain RD-362. |
| 5. Method of Procurement               | 1) Contract SPPS-L.B.O.D (Mechanical & Solar Work).   |
| 6. Tender Published:-                  | Single Stage-One Envelope Procedure.<br>Hoisted on SPPRA Website Sr. No. 21131 dated 07-08-2014.  |
| 7. Total Bid Documents Sold:-          | 5   |
| 8. Total Bid Received:-                | 2   |
| 9. Technical Bid Opening Date:-        | 03-09-2014  |
| 10. No. of Bid Technically Qualified:- | 2   |
| 11. Bid(s) Rejected:-                  | 0   |
| 12. Financial Bid Opening Date         | 03-09-2014  |
| 13. Evaluation.                        |   |


Sr. No.	Name of Firm / Bidder	Cost offered by the Bidder (M)	Ranking in term of Cost	Comparision with estimate cost	Reasons for acceptance / Rejection	Remarks
01	M/S PAK OASIS Pvt. Ltd	1597,400	1 <sup>st</sup>	2.63% above	1 <sup>st</sup> Lowest hence accepted	


  
(Hafiz Abdul Sattar Memon)  
Executive Engineer  
Tube Well Division  
Mirpurkhas  
Member

  
(Afaqe Hyder Shah)  
Executive Engineer  
Provincial Highway Division  
Shaheed Benazirabad  
Member

  
(Abdul Sattar)  
Divisional Accounts Officer  
Water Carrier Works Division  
Mirpurkhas  
Member

  
(Jawed Ahmed Memon)  
Project Director  
Thar Coal Water Works Project  
Mirpurkhas  
Member/Secretary

  
(Ghulam Mustafa Dahir)  
Chief Engineer  
Irrigation Development Region-II  
Hyderabad

  
(Ghulam Mustafa Dahir)  
Chief Engineer  
Irrigation Development Region-II  
Hyderabad

As recommended by Procurement Committee 1<sup>st</sup> lowest bid quoted by M/S PAK OASIS 2.63% above the estimate cost is hereby approved.

  
Chief Engineer  
Irrigation Development Region-II  
Hyderabad




PACKAGE NO. 01 :-


COMPARATIVE STATEMENT FOR THE WORK OF BORING & INSTALLATION OF 250 NOS. TUBEWELL ON SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362.  
1) TCP-SPPS-L.B.O.D (MECHANICAL & SOLAR WORK).


Sr. No.	Name of Bidder	Bid Cost	Estimate Cost	Above Below %age	Remarks
01	M/S PAK OASIS Pvt Ltd.	1,597,400,000	1,556,400,000	2.63% above	Lowest hence accepted

Submitted:

The Tenders for the above subject work invited from the prequalified Contractors/Firms vide this office letter No. TC/G-55/TWD/125 dated 04-08-2014 which hoisted on SPPRA Website Sr. No. 21131 dated 07-08-2014. The date of issue and opening is 03-09-2014 at 03:00 P.M. The one Contract has been come and participate in the Bidding among them M/S PAK OASIS Pvt. Ltd. has quoted his rates 2.63 %above the estimate cost hence approval of Contract award. The competency to sanction the tender is Chief Engineer, Irrigation Development Region-II, Hyderabad. If approval the tender of the lowest Contractor may be prepared & sent to the Project Director, Thar Coal Water Works Project, Mirpurkhas for favour of check, sanction and early return for taking further necessary action.

  
Divisional Accounts Officer  
Water Carrier Works Division  
Mirpurkhas

  
Executive Engineer  
Tube Well Division  
Mirpurkhas

  
Project Director  
Thar Coal Water Works Project,  
Mirpurkhas

*As recommended 1st lowest bid quoted by M/S PAK OASIS Pvt. Ltd. 2.63% above the estimate cost is hereby approved.*

  
Chief Engineer  
Irrigation Development Region-II  
Hyderabad.

  
Technical Officer  
Irrigation Development Region-II  
Hyderabad.

**SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY**

**CONTRACT EVALUATION FORM**

**TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS.**

- 1) NAME OF THE ORGANIZATION / DEPT. Irrigation
- 2) PROVINCIAL / LOCAL GOVT./ OTHER Provincial
- 3) TITLE OF CONTRACT TC-SPP5-L B.O.D Package No. 2 Civil & Structural Work
- 4) TENDER NUMBER NO. TC-D-557WD/125 DATED 04-08-2014
- 5) BRIEF DESCRIPTION OF CONTRACT TC-SPP5-L B.O.D Package No. 2 Civil & Structural Work
- 6) FORUM THAT APPROVED THE SCHEME Chief Engineer, Irrigation Development Region-II, Hyd.
- 7) TENDER ESTIMATED VALUE 440,322,109/-
- 8) ENGINEER'S ESTIMATE (For civil works only) 260,835,091/-
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 365 Days
- 10) TENDER OPENED ON (DATE & TIME) 03-09-2014
- 11) NUMBER OF TENDER DOCUMENTS SOLD 02  
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED 02
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 02
- 14) BID EVALUATION REPORT (Enclose a copy) Attached
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/S AA-7E (J.V.)
- 16) CONTRACT AWARD PRICE 429,491,691/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> EVALUATION BID) 1<sup>st</sup> M/S AA-7E (J.V.)  
2<sup>nd</sup> M/S AA-7E (J.V.)

18) METHOD OF PROCUREMENT USED :- (Tick one)

- |   |              |                                     |
|---|--------------|-------------------------------------|
| a) SINGLE STAGE - ONE ENVELOPE PROCEDURE      | <u>Local</u> | <input checked="" type="checkbox"/> |
| b) SINGLE STAGE - TWO ENVELOPE PROCEDURE      |              | <input type="checkbox"/>            |
| c) TWO STAGE BIDDING PROCEDURE                |              | <input type="checkbox"/>            |
| d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE |              | <input type="checkbox"/>            |

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS.

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT \_\_\_\_\_

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT :

i) SPPRA Website  
(If yes, give date and SPPRA Identification No.)

Yes	Pre-qualification No. 173 Dt:12-03-2014 Tender Letter SPPRA 21131 dt: 07-6-2014
No	

ii) News Papers  
(If yes, give names of newspapers and dates)

Yes	
No	

22) NATURE OF CONTRACT

Term	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA  
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA  
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A  
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED  
BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY  
COMPLIANT?

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT  
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF  
CONTRACT?  
(Attach copy of the bid evaluation report)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

31) ANY COMPLAINTS RECEIVED  
(If yes, result thereof)

Yes	
No	No

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS  
(If yes, give details)

Yes	
No	No

33) WAS THE EXTENSION MADE IN RESPONSE TIME?  
(If yes, give reasons)

Yes	
No	No

34) DEVIATION FROM QUALIFICATION CRITERIA  
(If yes, give detailed reasons.)

Yes	
No	No

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT  
BLACK LISTED?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE  
SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO  
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD.  
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN  
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY  
(If yes, give Brief Description)

Yes	
No	No

Signature & Official Stamp of  
Authorized Officer

  
**EXECUTIVE ENGINEER**  
**Tube Well Division**  
**Mirpurkhas.**

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BID EVALUATION REPORT (11) NUMBER OF TENDER DOCUMENTS SOLD (05) NOS FOR "PACKAGE NO. 02 "TC-SPPS-LBOD-CIVIL & STRUCTURAL",

1. *M/S PAK OASIS Pvt. Ltd.*
2. *M/S Saeed Khan Construction Co.*
3. *M/S AA-TE (J.V.)*
4. *M/S SKAFS Int. Pvt. Ltd*
5. *M/S IT-IT (J.V.)*

## BID EVALUATION REPORT

1. Name of Procuring Agency: Executive Engineer, Tube Well Division, Mirpurkhas
2. Tender Reference No.: Letter No. TC/G-55/125 dated 04-08-2014.
3. Corrigendum: Letter No. TC/G-55/153 dated 22-08-2014.
4. Name of Work: -  
Boring & Installation of 250 Nos. Tube Well on Solar Energy for assured supply of 100 cusecs for Thar Coal from LBOD Spinal Drain RD-362.  
ii) Contract SPPS-L.B.O.D (Civil & Structural Work).
5. Method of Procurement: Single Stage-One Envelope Procedure.
6. Tender Published:- Hoisted on SPPRA Website Sr. No. 21131 dated 07-08-2014.
7. Total Bid Documents Sold: - 5
8. Total Bid Received: - 1
9. Technical Bid Opening Date:- 03-09-2014
10. No. of Bid Technically Qualified:- 1
11. Bid(s) Rejected:- 0
12. Financial Bid Opening Date 03-09-2014
13. Evaluation.

Sr. No.	Name of Firm / Bidder	Cost offered by the Bidder (M)	Ranking in term of Cost	Comparison with estimate cost	Reasons for acceptance / Rejection	Remarks
01	M/S AT-IT (J.V.)	439.491	1 <sup>ST</sup>	19.77% above	1 <sup>st</sup> Lowest hence accepted	
02	M/S AA-TE (J.V.)	495.569	2 <sup>nd</sup>	35.05% above		

  
(Hafiz Abdul Sattar Memon)  
Executive Engineer  
Tube Well Division  
Mirpurkhas  
Member

  
(Afaqe Hyder Shah)  
Executive Engineer  
Provincial Highway Division  
Shaheed Benazirabad  
Member

  
(Abdul Sattar)  
Divisional Accounts Officer  
Water Carrier Works Division  
Mirpurkhas  
Member

  
Technical Officer  
Irrigation Development Region-II  
Hyderabad.

  
(Jawed Ahmed Memon)  
Project Director  
Thar Coal Water Works Project  
Mirpurkhas  
Member/Secretary

  
(Ghulam Mustafa Durrani)  
Chief Engineer  
Irrigation Development Region-II,  
Hyderabad  
Chairman

As recommended by the Procurement Committee 1<sup>st</sup> lowest Bidder M/S AT-IT (J.V.) 19.77% above the Estimate cost is hereby approved.  
Chief Engineer

COMPARATIVE STATEMENT FOR THE WORK OF BORING & INSTALLATION OF 250 NOS. TUBEWELL ON SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362.  
(i) TCP-SPPS-L.B.O.D (CIVIL & STRUCTURAL WORK.

Sr. No.	Name of Bidder	Bid Cost	Estimate Cost	Above Below %age	Remarks
01	M/S AT-IT (J.V.)	439,491,691	366,935,091	19.77% above	Lowest hence accepted
02	M/S AA-TE (J.V.)	495,569,101	366,935,091	35.05% above	

Submitted:

The Tenders for the above subject work invited from the prequalified Contractors/Firms vide this office letter No. TC/G-55/TWD/125 dated 04-08-2014 which hoisted on SPPRA Website Sr. No 21131 dated 07-08-2014. The date of issue and opening is 03-09-2014 at 03:00 P.M. The one Contract has been come and hence approval of Contract award. The competency to sanction the tender is Chief Engineer, Irrigation Development Region-II, Hyderabad. If approval the tender of the lowest Contractor may be prepared & sent to the Project Director, Thar Coal Water Works Project, Mirpurkhas for favour of check, sanction and early return for taking further necessary action.

  
Divisional Accounts Officer  
Water Carrier Works Division  
Mirpurkhas

  
Executive Engineer  
Tube Well Division  
Mirpurkhas

  
Project Director  
Thar Coal Water Works Project,  
Mirpurkhas

*As recommended 1st lowest bid quoted by M/S AT-IT (J.V.) 19.77% above ? Estimate cost is hereby approved.*

  
Chief Engineer  
Irrigation Development Region-II  
Hyderabad.

*TC/G-55/TWD/125 dated 04-08-2014*  
*Water Carrier Works Division*  
*Mirpurkhas*



**OFFICE OF THE EXECUTIVE ENGINEER**  
**TUBE WELL DIVISION, MIRPURKHAS**

No. TC/G-55/TD/MPS/527 of 2014  
Mirpurkhas dated 18/11/2014

To,

**M/S PAKOASIS Pvt. Ltd.**  
**Suite # 5,1<sup>st</sup> Floor,**  
**Nadir House, I.I.**  
**Chundrigar Road, Karachi.**

**Subject: MECHANICAL & SOLAR WORK BORING & INSTALLATION OF**  
**250 TUBE WELLS ON SOLAR ENERGY FOR ASSURED SUPPLY**  
**FOR POWER GENERATION UNIT.**

**Reference: -** This office letter No. TC/G-66/MPS/510 dated 12-11-2014.

Refer this office letter No. cited above. The Contract Agreement signed for the work subject noted. In accordance with clause 8.1 of condition of contract for the work "Mechanical and Solar Work Boring & Installation of 250 Nos. Tube Wells on Solar Energy for assured supply for Power Generation Unit".

You are hereby given notice for commencement of work within due time of (14) days from the receipt of notice without further loss of time.

In accordance with clause 8.2 and 10.2 of contact document that the time of completion of above work is 364 days from the date of receipt of Engineer notice for commencement

Please acknowledge the receipt of this notice.

*[Signature]*  
**Executive Engineer**  
**Tube Well Division,**  
**Mirpurkhas**

**Copy forwarded with compliments to:-**

1. The Chief Engineer Irrigation Development Region-II Hyderabad.
2. The Project Director Thar Coal Water Works Project Mirpurkhas.
3. ✓ The Manager CB Sindh Public Procurement Regulatory Authority Karachi.

*[Signature]*  
**Executive Engineer**  
**Tube Well Division,**  
**Mirpurkhas**





**OFFICE OF THE EXECUTIVE ENGINEER**  
**TUBE WELL DIVISION, MIRPURKHAS**

No. TC/G-55/TD/MPS/ 526 of 2014  
Mirpurkhas dated 18 /11/2014

To,

M/S AT-IT (J.V),  
Shop No.1&2, Mengal Plaza,  
Opposite Becon House School,  
Qasimabad, Hyderabad

Subject: **CIVIL AND STRUCTURAL WORK BORING & INSTALLATION OF 250 TUBE WELLS ON SOLAR ENERGY FOR ASSURED SUPPLY FOR POWER GENERATION UNIT.**


Reference: - This office letter No. TC/G-55/MPS/509 dated 12-11-2014.

Refer this office letter No. cited above. The Contract Agreement signed for the work subject noted. In accordance with clause 8.1 of condition of contract for the work "Civil and Structural Work Boring & Installation of 250 Nos. Tubewells on Solar Energy for assured supply for Power Generation Unit".

You are hereby given notice for commencement of work within due time of (14) days from the receipt of notice without further loss of time.


In accordance with clause 8.2 and 10.2 of contact document that the time of completion of above work is 364 days from the date of receipt of Engineer notice for commencement.

Please acknowledge the receipt of this notice

  
Executive Engineer  
Tube Well Division,  
Mirpurkhas

**Copy forwarded with compliments to:-**

1. The Chief Engineer Irrigation Development Region-II Hyderabad.
2. The Project Director Thar Coal Water Works Project Mirpurkhas.
3. ✓ The Manager CB Sindh Public Procurement Regulatory Authority Karachi.

  
Executive Engineer  
Tube Well Division,  
Mirpurkhas

**FORM OF BID  
&  
APPENDICES TO BID**

**EXECUTIVE ENGINEER**  
Tube Well Division  
Mirpurkhas.



FB-1

FORM OF BID

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

To Project Director  
\_\_\_\_\_  
\_\_\_\_\_

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, and Conditions of Contract, Specifications, Drawings and Bill of Quantities and Addenda Nos. \_\_\_\_\_ for the execution of the above-named Works, we, the undersigned, offer to execute and complete such Works and remedy any defects therein in conformity with the Conditions of Contract, Specifications, Drawings, Bill of Quantities and Addenda for the sum of

Rs. 1,630,000,000/- . Rebate 2% on total price  
One Billion Six hundred thirty million (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said conditions.

2. We understand that all the Appendices A to L attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of Rupees forty million  
(Rs. 40,000,000/-) drawn in your favour or made payable to you and valid for a period of \_\_\_\_\_ days beginning from the date Bids are opened.
4. We undertake, if our Bid is accepted, to commence the Works and to complete the whole of the Works comprised in the Contract within the time stated in Appendix-A to Bid.
5. We agree to abide by this Bid for the period of 90 days following the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other bidder for the Works.
8. We understand that you are not bound to accept the lowest or any Bid you may receive.

FB-2

Dated this 03 day of 09 2014

Signature: M. S. Naqvi

in the capacity of G.M. duly authorized to sign Bids for and on behalf of



Solar Tube well  
Contract Package: TCP-3PPS-L.B.O.D/01

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOD SPINAL DRAIN RD-382

PAK OASIS INDUSTRIES (PVT) LTD  
(Name of Bidder in Block Capitals)  
(Seal)



Address: Suit # 5 1st Floor Nadir House  
T. T. chundrigar Road  
Karachi

Witness:

Signature:

Name:

Address:

Occupation:

EXECUTIVE ENGINEER  
Tube Well Division  
Mirpurkhas



BA-1  
Appendix-A to Bid  
SPECIAL STIPULATIONS

		Clause	
		Conditions of Contract	
1	Amount of Performance Security	4.2	2% of Contract Price stated in the Letter of Acceptance in the form of Bank Guarantee from a Scheduled Bank of Pakistan
2	Time for Furnishing Programme	8.3	Within 42 days from the date of receipt of Letter of Acceptance.
3	Minimum amount of Third Party Insurance	18.3	Rs:1Million- per occurrence with number of occurrences unlimited, to be kept renewed throughout the Contract Period from National Insurance Corporation of Pakistan or any other insurance company operating in Pakistan and acceptable to the Employer.
4	Time for Commencement	8.1	Within 14 days from the date of receipt of Engineer's Notice to Commence which shall be issued within fourteen (14) days after issue of letter of Acceptance.
5	Time for Completion	8.2 & 10.2	730 days from the date of receipt of Engineer's Notice to Commence
6	Amount of Liquidity Damages	8.7	0.05% of Contract Price for each day delay in completion of the Works subject to a maximum of 10% of Contract Price stated in the Letter of Acceptance.
7	Defects Liability Period	11.1	364 days from the effective date of Taking Over Certificate.
8	Percentage of Retention Money	14.2	10% of the amount of Interim Certificate.
9	Limit of Retention Money	14.2	8% of Contract Price stated in the Letter of Acceptance
10	Minimum amount of Interim Payment Certificates	14.2	Rs. 10 Million
11	Time of Payment from delivery of Engineer's Interim/Running Payment Certificate to the procuring agency.	14.7	28 days
12	Mobilization Advance.	14.2	10% of Contract Price stated in the Letter of Acceptance.

BB-1  
Appendix-B to Bid

**FOREIGN CURRENCY REQUIREMENTS**  
(If required and only in case of International Bidding)

1. The Bidder may indicate here in below his requirements of foreign currency (if any), with reference to various inputs to the Works.
2. Foreign Currency Requirement as percentage of the Bid Price excluding Provisional Sums \_\_\_\_\_%.
3. Table of Exchange Rates

Unit of Currency	Equivalent in Pak. Rupees
Australian Dollar	_____
Euro	_____
Japanese Yen	_____
U.K. Pound	_____
U.S. Dollars	_____
_____	_____
_____	_____

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Mirpurkhas.



**PRICE ADJUSTMENT UNDER CLAUSE 70 OF CONDITIONS OF CONTRACT**

The source of indices and the weightages or coefficients for use in the adjustment formula under Clause 70 shall be as follows:  
 (To be filled by the Employer)

Cost Element	Description	Weightages	Applicable index
1	2	3	4
(i)	Fixed Portion	0.350	
(ii)	Local Labour (Skilled & Unskilled) With unskilled as representative items.		Government of Sindh (GS) Federal Bureau of Statistics (FBS) Monthly Statistical Bulletin.
(iii)	Cement - in bags. Portland cement shall be considered representative items for all types of cement.		" " "
(iv)	Reinforcing Steel. 1/2" diameter round bar is the representative item for all types of steel to be used in this project.		" " "
(v)	High Speed Diesel (HSD)		" " "
(vi)	Bricks		" " "
(vii)	Bitumen		" " "
(viii)			" " "
	Total	1.000	" " "

**Notes:**

- Indices for "(i)" to "(vii)" are taken from the Government of Sindh Federal Bureau of Statistics, Monthly Statistical Bulletin. The base cost indices or prices shall be those applying 28 days prior to the latest day for submission of bids. Current indices or prices shall be those applying 28 days prior to the last day of the billing period.
- Any fluctuation in the indices or prices of materials other than those given above shall not be subject to adjustment of the Contract Price.
- Fixed portion shown here is for typical road project, Employer to determine the weightage of Fixed Portion considering only those cost elements having cost impact of seven (7) percent or more on his specific project.

EXECUTIVE ENGINEER  
 Tube Well Division



Appendix-D To Bid  
Bill OF QUANTITIES

Preamble

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per the Contract ( in case of item not mentioned in Bill of Quantities).
3. The rates and prices entered in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the contract include all costs of contractor's plant, labor, supervision, materials, execution, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the contract. Furthermore all duties, taxes and other levies payable by the contractor under the contract, or for any other cause, as on the date 14 days prior to deadline for submission of Bids in case of ICB/NCB respectively, shall be included in the rates and prices and the total bid price submitted by the bidder.
4. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the contractor will have failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities and shall not be paid separately.
5. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the works.
6. General directions and description of work and materials are not necessarily repeated nor summarized in the Bill of Quantities. References to the relevant sections of the bidding documents shall be made before entering prices against each item in the priced Bill of Quantities.
7. Provisional sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer in accordance with sub-clause 13.5 of Part I, General Conditions of Contract.

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Mirpurkhas.





8. Successful Bidder shall drill investigation test holes in first phase on top priority basis to check the availability of aquifer and required discharge including quality of water in the project area for further commencement of the project.

**EXECUTIVE ENGINEER**  
Tube Well Division  
Mirpurkhas.



**BILL OF QUANTITIES  
(BOQ)**

**PACKAGE-1**

**MECHANICAL/SOLAR SYSTEM**

**EXECUTIVE ENGINEER**  
Tube Well Division  
Mirpurkhas.



ENGINEER'S ESTIMATE

INSTALLATION OF 250 NOS NEW TUBEWELLS OF 1.0 CUSEC EACH INCLUDING  
CONSTRUCTION OF SOLAR POWERED PUMPING SOLUTION AND ALLIED WORKS  
IN ALL RESPECT FOR THAR COAL POWER GENERATION UNITS  
TUBEWELL DIVISION MIRPURKHAS

CONTRACT PACKAGE - I

Bill Nr.	Description	Amount (Rs) Millions
1	Boring, Installation of Tube wells (as per design) of particular contract along with all site investigations related to the boring and disinfection etc. complete.	285,000,000/-
2	Supply of Solar pump with capacity 0.5cusec to 1.0 cusec against 100ft head complete in all respect with Solar System and allied material with installation, testing and commissioning and one year operation and maintenance.	1,345,000,000/-
	Total	1,630,000,000/-

Rebate 2% on total price

1,597,400,000/-

EXECUTIVE ENGINEER  
Tube Well Division  
Mirpurkhas.



ENGINEER'S ESTIMATE

BILL NR. 1  
CONTRACT PACKAGE - THAR-SOLAR TUBE WELLS PACKAGE-1

Item Nr.	Description	Unit	Quantity	Rate (Rs)		Amount
				Figure	Words	
1	Boring, installation of Tube wells (as per design) of particular contract along with all site investigations related to the boring and disinfection etc. complete					
1/1	Drilling hole 18" diameter for Tube well up to depth 220 ft. P 42, item 1 (g)	P-Lft	55000	2,000/-	Two Thousand	110,000,000/-
1/2	Furnishing & installation of fiber glass housing 10" dia 0.20" thick 100 ft.	P-Rft	25000	1500/-	Fifteen hundred	37,500,000/-
1/3	Furnishing & installation fiber glass casing 60' strainer 10" Dia slot size 0.030"x1.75" thickness 0.25"	P-Rft	15000	1,100/-	Eleven hundred	16,500,000/-
1/4	Furnishing & installation of fiber glass casing blank 10" Dia 70'	P-Rft	15000	1000/-	one thousand	15,000,000/-
1/5	Furnishing & placing Gravel Shourding with annular space as per specification up to 220'	P-Lft	55000	400/-	Four hundred	22,000,000/-
1/6	Furnishing & placing Gravel Shrouding in over drilled hole. As per over drilling	P-Lft	3000	400/-	Four hundred	2,000,000/-
1/7	Providing and fixing bail-plug.	Each	250	4,500/-	Four thousand Five hundred	1,125,000/-
1/8	Tube well Development by air lifting method.	Each Job	250	80,000/-	Eighty thousand	20,000,000/-
1/9	Further development and well capacity	Each Job	250	63,500/-	Sixty three thousand Five hundred	15,875,000/-
1/10	Testing with turbine pump as per specification.	Each Job	250	60,000/-	Sixty thousand	15,000,000/-

1/11	Disinfection of Tube well	Each Job	250	50,000/- Fifty thousand	12,500,000/-
1/12	Well Security Cap	Each	250	10,000/- Ten thousand	2,500,000/-
1/13	Final acceptance test of equipment	Each Job	250	60,000/- Sixty thousand	15,000,000/-
TOTAL FOR BILL NR. 1					285,000,000/-

Total : Rupees Two Hundred Eighty five million.



ENGINEER'S ESTIMATE

BILL NR. 2A

PROVIDING & INSTALLATION OF SOLAR POWERED PUMPING SOLUTION  
CONTRACT PACKAGE - THAR-SOLAR TUBE WELLS PACKAGE-1

Item No.	Description	Unit	Quantity	Unit Rate (Rs)		Amount (Rs)
				Figure	Words	
2A/1	<p>Supply of complete solar powered System along with pumping machinery/ equipments for tubewells suitable for a discharge given below against a head of 100 ft with a setting depth of 150ft complete in all respect.</p> <p>(A) 0.5 Cusecs Discharge Pump along with 7.5 kW Motor.</p> <p>Supply Submersible centrifugal pump (European/ American make) Material SS 316L along with submersible squirrel cage induction motor, three phase 3x380 volts, 50Hz (variable speed) (European/ American make) Material AISI 904L including:</p> <p>(i) Well probe sensor for dry running protection, protection upto 5 bar (2 Nos)</p> <p>(ii) Well prob cable 2 x 1.5 mm x 250 ft along with splice kit.</p> <p>(iii) Submersible cable for submersible motor 3 x 10 mm, 250 Ft along with splice kit.</p> <p>(iv) Safety rope 10 mm dia 350 ft along with safety rope connector (350ft)</p> <p>(v) Maximum power point tracker MPPT (European/ American Technology).</p> <p>(vi) Solar PV Panels mono/poly crystalline 300 watt each certified with IEC.61215, TUV / VDE, CE</p> <p>(vii) PV disconnect switch 900 V / 40</p>	Set	100	4,700,000/-	Four million Seven hundred thousand	470,000,000/-



2A/2	<p>A with plastic/iron box 250 mm x 200 mm x 122 mm IP 65</p> <p>(viii) Major junction box with heavy duty terminals</p> <p>(ix) Minor junction box with heavy duty terminals</p> <p>(x) Iron made power coated rust proof mounting plate for controller and disconnect switch.</p> <p>(xi) Grounding / Earthing arrangement with iron rod D 25 x 2.5 mm, copper cable connected on rod 06 mm local.</p> <p>(xii) GI / HDPE riser pipe 4" dia 150ft along with, bends, flanges and sluice valve.</p> <p>(xiii) G.I angle iron structure for solar PV panel</p> <p>(xiv) GI pipe for hanging submersible pump 3" dia x 10 ft.</p> <p>(xv) Internal electrification of operator room (through DC solarized system)</p> <p>Installation, testing, &amp; commissioning of complete solar powered pumping equipments including all accessories and operation &amp; maintenances for 1 year including security guards.</p>	Job	100	100,000/- one Hundred thousand.	10,000,000/-
TOTAL FOR BILL NR. 2A					480,000,000/-



ENGINEER'S ESTIMATE

BILL NR. 2B  
 PROVIDING & INSTALLATION OF SOLAR POWERED PUMPING SOLUTION  
 CONTRACT PACKAGE -THAR-SOLAR TUBE WELLS PACKAGE-1

Item No.	Description	Unit	Quantity	Unit Rate (Rs)		Amount (Rs)
				Figure	Words	
2B/1	<p>Supply of complete solar powered System along with pumping machinery/ equipments for tubewells suitable for a discharge given below against a head of 100 ft with a setting depth of 150ft complete in all respect.</p> <p>(A) 0.6 Cusecs Discharge Pump along with 9 kW Motor.</p> <p>Supply Submersible centrifugal pump (European/ American make) Material SS 316L, along with submersible squirrel cage induction motor, three phase 3x380 volts, 50Hz (variable speed) (European/ American make) Material AISI 904L including;</p> <p>(i) Well probe sensor for dry running protection, protection upto 3 bar (2 Nos).</p> <p>(ii) Well prob cable 2 x 1.5 mm x 250 ft along with splice kit.</p> <p>(iii) Submersible cable for submersible motor 3 x 10 mm, 250 Ft along with splice kit.</p> <p>(iv) Safety rope 10 mm dia 350 ft along with safety rope connector (350ft)</p> <p>(v) Maximum power point tracker MPPT (European/ American Technology).</p> <p>(vi) Solar PV Panels mono/poly crystalline 300 watt each certified with IEC 61215, TUV / VDE, CE.</p>	Set	25	5,100,000	Five million one hundred thousand.	12,750,000

EXECUTIVE ENGINEER  
 Tube Well Division  
 Mirpurkhas.





2B/2	<p>(vii) PV disconnect switch 900 V / 40 A with plastic/iron box 250 mm x 200 mm x 122 mm IP 65</p> <p>(viii) Major junction box with heavy duty terminals</p> <p>(ix) Minor junction box with heavy duty terminals</p> <p>(x) Iron made power coated rust proof mounting plate for controller and disconnect switch.</p> <p>(xi) Grounding / Earthing arrangement with iron rod D 25 x 2.5 mm, copper cable connected on rod 06 mm local</p> <p>(xii) GI / HDPE riser pipe 4" dia 150ft along with, bends, flanges and sluice valve.</p> <p>(xiii) G.I angle iron structure for solar PV panel</p> <p>(xiv) GI pipe for hanging submersible pump 3" dia x 10 ft.</p> <p>(xv) Internal electrification of operator room (through DC solarized system)</p> <p>Installation, testing, &amp; commissioning of complete solar powered pumping equipments including all accessories and operation &amp; maintenances for 1 year including security guards</p>	Job	25	100,000 One hundred thousand	2,500,000/-
TOTAL FOR BILL NR. 2B					130,000,000/-

In words One hundred thirty million Rupees.



ENGINEER'S ESTIMATE

BILL NR. 2C

PROVIDING & INSTALLATION OF SOLAR POWERED PUMPING SOLUTION  
CONTRACT PACKAGE -THAR-SOLAR TUBE WELLS PACKAGE-1

Item Nr.	Description	Unit	Quantity	Unit Rate (Rs)		Amount (Rs)
				Figure	Words	
2C/1	<p>Supply of complete solar powered System along with pumping machinery/ equipments for tubewells suitable for a discharge given below against a head of 100 ft with a setting depth of 150ft complete in all respect.</p> <p>(A) 0.75 Cusecs Discharge Pump along with 11 kW Motor.</p> <p>Supply Submersible centrifugal pump (European/ American make) Material SS 316L along with submersible squirrel cage induction motor, three phase 3x380 volts, 50Hz (variable speed) (European/ American make) Material AISI 904L including:</p> <p>(i) Well probe sensor for dry running protection, protection upto 5 bar (2 Nos).</p> <p>(ii) Well prob cable 2 x 1.5 mm x 250 ft along with splice kit.</p> <p>(iii) Submersible cable for submersible motor 3 x 10 mm, 250 Ft along with splice kit.</p> <p>(iv) Safety rope 10 mm dia 350 ft along with safety rope connector (350ft)</p> <p>(v) Maximum power point tracker MPPT (European/ American Technology).</p> <p>(vi) Solar PV Panels mono/poly crystalline 300 watt each certified with IEC 61215, TUV / VDE, CE</p> <p>(vii) PV disconnect switch 900 V / 40</p>	Set	25	5,300,000/-	Five million three hundred thousand.	132,500,000/-



2C/2	<p>A with plastic/iron box 250 mm x 200 mm x 122 mm IP 65</p> <p>(viii) Major junction box with heavy duty terminals:</p> <p>(ix) Minor junction box with heavy duty terminals:</p> <p>(x) Iron made power coated rust proof mounting plate for controller and disconnect switch.</p> <p>(xi) Grounding / Earthing arrangement with iron rod <math>\varnothing</math> 25 x 2.5 mm, copper cable connected on rod 06 mm local</p> <p>(xii) GI / HDPE riser pipe 4" dia 150ft along with, bends, flanges and sluice valve.</p> <p>(xiii) G.I angle iron structure for solar PV panel</p> <p>(xiv) GI pipe for hanging submersible pump 3" dia x 10 ft.</p> <p>(xv) Internal electrification of operator room (through DC solarized system)</p> <p>Installation, testing, &amp; commissioning of complete solar powered pumping equipments including all accessories and operation &amp; maintenances for 1 year including security guards.</p>	Job	25	100,000/-	One Hundred Thousand	2,500,000/-
TOTAL FOR BILL NR. 2C						135,000,000/-

In words: ~~One million thirty five~~  
: One Hundred thirty five million Rupees.

*W. S. Naqvi*

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EXECUTIVE ENGINEER  
Tube Well Division  
Mirpurkhas.

ENGINEER'S ESTIMATE

BILL NR. 2D

PROVIDING & INSTALLATION OF SOLAR POWERED PUMPING SOLUTION  
CONTRACT PACKAGE -THAR-SOLAR TUBE WELLS PACKAGE-I

Item Nr.	Description	Unit	Quantity	Unit Rate (Rs.)		Amount
				Figure	Words	
2D/1	<p>Supply of complete solar powered System along with pumping machinery/ equipments for tubewells suitable for a discharge given below against a head of 100 ft with a setting depth of 150ft complete in all respect.</p> <p>(A) 1.0 Cusecs Discharge Pump along with 15 kW Motor.</p> <p>Supply Submersible centrifugal pump (European/ American make) Material SS 316L along with submersible squirrel cage induction motor, three phase 3x380 volts, 50Hz (variable speed) (European/ American make) Material AISI 904L including:</p> <p>(i) Well probe sensor for dry running protection, protection upto 5 bar (2 Nos).</p> <p>(ii) Well prob cable 2 x 1.5 mm x 250 ft along with splice kit.</p> <p>(iii) Submersible cable for submersible motor 3 x 10 mm, 250 Ft along with splice kit.</p> <p>(iv) Safety rope 10 mm dia 350 ft along with safety rope connector (350ft)</p> <p>(v) Maximum power point tracker MPPT (European/ American Technology).</p> <p>(vi) Solar PV Panels mono/poly crystalline 300 watt each certified with IEC 61215, TUV / VDE, CE</p>	Set	100	5,900,000/-	Five Hundred Five million nine hundred thousand.	590,000,000/-

EXECUTIVE ENGINEER  
Tube Well Division  
Mirpurkhas.



<p>(vii) PV disconnect switch 900 V / 40 A with plastic/iron box 250 mm x 200 mm x 122 mm IP 65</p> <p>(viii) Major junction box with heavy duty terminals</p> <p>(ix) Minor junction box with heavy duty terminals</p> <p>(x) Iron made power coated rust proof mounting plate for controller and disconnect switch.</p> <p>(xi) Grounding / Earthing arrangement with iron rod <math>\phi</math> 25 x 2.5 mm, copper cable connected on rod 06 mm local</p> <p>(xii) GI / HDPE riser pipe 4" dia 150 ft along with, bends, flanges and sluice valve.</p> <p>(xiii) GI angle iron structure for solar PV panel</p> <p>(xiv) GI pipe for hanging submersible pump 3" dia x 10 ft.</p> <p>(xv) Internal electrification of operator room (through DC solarized system)</p>					
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**EXECUTIVE ENGINEER**  
Tube Well Division  
Mirpurkhas.



2D/2	Installation, testing, & commissioning of complete solar powered pumping equipments including all accessories and operation & maintenances for 1 year including security guards.	Job	100	100,000/-	One Hundred thousand.	10,000,000/-
TOTAL FOR BILL NR. 2D						600,000,000/-

In words: Six Hundred million Rupees.

EXECUTIVE ENGINEER  
Tube Well Division  
Mirpurkhas.



Appendix-D to Bid

BILL OF QUANTITIES

C. Day work Schedule

General

1. Reference is made to Sub-Clause 13.6 of the General Conditions of Contract. Work shall not be executed on a day work basis except by written order of the Engineer. Bidders shall enter basic rates for day work items in the Schedules, which rates shall apply to any quantity of day work ordered by the Engineer. Nominal quantities have been indicated against each item of day work, and the extended total for day work shall be carried forward to the bid price.

Day work Labor

2. In calculating payments due to the contractor for the execution of day work, the actual time of classes of labor directly doing the day work ordered by the Engineer and for which they are competent to perform will be measured excluding meal breaks and rest periods. The time of gangers (charge hands) actually doing work with the gang will also be measured but not the time of foreman or other supervisory personnel.
3. The contractor shall be entitled to payment in respect of the total time that labor is employed on day work, calculated at the basic rates entered by him in the Schedule of day work Rates for labor together with an additional percentage, payment on basic rates representing the contractor's profit, overheads, etc., as described below:
  - a) the basic rates for labor shall cover all direct costs to the contractor, including (but not limited to) the amount of wages paid to such labor, transportation time, overtime, subsistence allowances and any sums paid to or on behalf of such labor for social benefits in accordance with Pakistan law. The basic rates will be payable in local currency only; and
  - b) the additional percentage payment to be quoted by the bidder and applied to costs incurred under (a) above shall be deemed to cover the contractor's profit, overheads, superintendence, liabilities and insurances and allowances to labour timekeeping and clerical and office work; the use of consumable stores, water, lighting and power; the use and repair of staging's, scaffolding, workshops and stores, portable power tools, manual plant and tools; supervision by the contractor's staff, foremen and other supervisory personnel; and charges incidental to the foregoing.

EXECUTIVE ENGINEER  
Tube Well Division  
Mirpurkhas.



BD-11  
Appendix-D to Bid

SCHEDULE OF DAYWORK RATES

I. Labour

Item No.	Description	Unit	Nominal Quantity	Rate (Rs) in Figure	Rate (Rs) in Words	Extended Amount (Rs.)
1	2	3	4	5	6	7
D101	Ganger	Hr	500			
D102	Labourer	Hr	5,000			
D103	Brick layer	Hr	500			
D104	Mason	Hr	500			
D105	Carpenter	Hr	500			
D106	Steel work Erector	Hr	500			
	----- etc -----	Hr	500			
D113	Driver for vehicle up to 10 Tons	Hr	1,000			
D114	Operator for excavator, dragline, shovel or crane	Hr	500			
D115	Operator for tractor, (tracked) with dozer blade or Rimmer	Hr	500			
D122	<b>Sub Total</b>					
	Allow _____ percent of subtotal for Contractors overhead, profit, etc, in accordance with Paragraph 3(b) of Day work Schedule _____					
	Total for Day work: Labor : _____					
	(Carried forward to Day work Summary)					

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Appendix-D to Bid Day

work Material

4. The contractor shall be entitled to payment in respect of materials used for day work (except for materials for which the cost is included in the percentage addition to labour costs as detailed heretofore), at the basic rates entered by him in the Schedule of Day work Rates for materials together with an additional percentage payment on the basic rates to cover overhead charges and profit, as follows:
- a) the basic rates for materials shall be calculated on the basis of the invoiced price, freight, insurance, handling expenses, damage, losses, etc., and shall provide for delivery to store for stockpiling at the site. The basic rates shall be stated in local currency but payment will be made in the currency or currencies expended upon presentation of supporting documentation;
  - b) the additional percentage payment shall be quoted by the bidder and applied to the equivalent local currency payments made under Sub-Para(a) above; and the cost of hauling materials used on work ordered to be carried out as Day work from the store or stockpile on the site to the place where it is to be used will be paid in accordance with the terms for Labor and Constructional Plant in this Schedule.

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SCHEDULE OF DAYWORK RATES

II. Materials

Item No.	Description	Unit	Nominal Quantity	Rate (Rs) in Figure	Rate (Rs) in Words )	Extended Amount (Rs.)
1	2	3	4	5	6	7
D201	Cement, ordinary Portland or equivalent in bags	M: Ton	200			
D202	Mild Steel reinforcing bar up to 16mm diameter to BS 4449 or equivalent	M: Ton	100			
D203	Fine aggregate for concrete as specified in Class _____	Cu: M	1,000			
D204	_____ etc _____					
D222	Gelignite (Noble Special Gelatine 60 % or equivalent) including caps, fuse, wire and requisite accessories	M: Ton	10			
D223	Sub Total					

Allow \_\_\_\_\_ percent of subtotal for Contractor's overhead, profit, etc., in accordance with Paragraph 4(b) of Day work Schedule \_\_\_\_\_

Total for Day work: Materials \_\_\_\_\_

(Carried forward to Day work Summary)

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Appendix-D to Bid

**Day Work Constructional Plant**

5. The contractor shall be entitled to payments in respect of constructional plant already on site and employed on Day work at the basic rental rates entered by him in the Schedule of Day work Rates for constructional plant. The said rates shall be deemed to include complete allowance for depreciation, interest, indemnity and insurance, repairs, maintenance, supplies, fuel, lubricants, and other consumables, and all overhead, profit and administrative costs related to the use of such equipment. The cost of drivers, operators and assistants will be paid for separately as described under the section on Day work Labor.
6. In calculating the payment due to the Contractor for constructional plant employed on Day work, only the actual number of working hours will be eligible for payment, except that where applicable and agreed with the Engineer, the travelling time from the part of the site where the constructional plant was located when ordered by the Engineer to be employed on Day work and the time for return journey thereto shall be included for payment.
7. The basic rental rates for constructional plant employed on Day work shall be stated in Pakistani Rupees.

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Appendix-D to Bid

SCHEDULE OF DAYWORK

RATES III. Constructional Plant

Item No.	Description	Unit	Nominal Quantity	Rate (Rs.) in Figure	Rate Rs.) in Words	Extended Amount (Rs.)
1	2	3	4		5	6
D301	Excavator, face shovel or drauline:					
	1. Up-to and including 1 Cu.M.	Hr	500			
	2. Over 1 Cu.M to 2 Cu. M.	Hr	400			
	3. Over 2 Cu. M	Hr	100			
D302	Tractor (tracked) including bull or angle dozer:	Hr	500			
	1. Up-to and including 150 HP	Hr	400			
		Hr	200			
D303	Tractor with ripper:					
	1. Up-to and including 200 HP	Hr	400			
		Hr	200			
D304	----- etc -----					
Total for day work: Constructional Plant						
(Carried forward to day work summary)						

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SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362

BD-16

Appendix-D to Bid

### DAYWORK

#### Summary (Day work)

	Amount (Rs.)
(I) Total for day work: Labor	_____
(II) Total for day work: Materials	_____
(III) Total for day work: Constructional Plan	_____
Total for day work (Carried forward to summary page of Bill of Quantities)	_____

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BD-17

Appendix-D to Bid

**BILL OF QUANTITIES (SAMPLE)**

**SUMMARY**

	Amount (R s.)
Bill No. 1: Specifications and all Standard Accessories	
Sub-Total of Bills	
Day work	_____
Bid Price	_____

Note: All Provisional Sums are to be expended in whole or, in part at the direction a discretion of the Engineer in accordance with Sub-Clauses 52.4 and 58.2 of the Genera Conditions of Contract Part- I.

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BE-1

Appendix-E to Bid

### PROPOSED CONSTRUCTION SCHEDULE

Pursuant to Sub-Clause 43.1 of the General Conditions of Contract, the works shall be completed on or before the date stated in Appendix-A to Bid. The bidder shall provide as Appendix-E to Bid, the Construction Schedule in the bar chart (CPM, PERT or any other to be specified herein) showing the sequence of work items and the period of time during which he proposes to complete each work item in such a manner that his proposed programme for completion of the whole of the works and parts of the works may meet procuring agencies.

Description	Time for Completion
1) Whole works	730 days

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BF-1

Appendix-F to Bid

### METHOD OF PERFORMING THE WORK

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

1. Organization Chart indicating head office and field office personnel involved in management and supervision, engineering, equipment maintenance and purchasing.
2. Mobilization in Pakistan, the type of facilities including personnel accommodation, office accommodation, provision for maintenance and for storage, communications, security and other services to be used.
3. The method of executing the works, the procedures for installation of equipment and machinery and transportation of equipment and materials to the site.

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BG-1

Appendix-G to Bid

**LIST OF MAJOR EQUIPMENT - RELATED ITEMS**

[The bidder will provide on Sheet 2 of this Appendix a list of all major equipment and related items, under separate heading for items owned, to be purchased or to be arranged on lease by him to carry out the works. The information shall include make, type, capacity, and anticipated period of utilization for all equipment which shall be in sufficient detail to demonstrate fully that the equipment will meet all requirements of the Specifications.]

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BC-2  
 Appendix-G to Bid

LIST OF MAJOR EQUIPMENT (SAMPLE)

Owned Purchased or Leased	Description of Unit (Make, Model, Year)	Capacity HP Rating	Condition	Present Location or Source	Date of Delivery at Site	Period of Work on Project
1	2	3	4	5	6	7
a. Owned						
b. To be Purchased						
c. To be arranged on Lease						

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BH-1  
Appendix-H to Bid

### CONSTRUCTION CAMP AND HOUSING FACILITIES

The Contractor in accordance with Clause 6 of the Conditions of Contract shall provide description of his construction camp facilities and staff housing requirements.

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BI-1  
Appendix-I to Bid

**LIST OF SUBCONTRACTORS**

I/We intend to subcontract the following parts of the work to subcontractors. In my/our opinion, the subcontractors named hereunder are reliable and competent to perform that part of the work for which each is listed.

Enclosed are documentation outlining experience of subcontractors, the curriculum vitae and experience of their key personnel who will be assigned to the contract, equipment to be supplied by them, size, location and type of contracts carried out in the past.

Part of Works (Give Details) 1	Subcontractor (With Complete Address) 2

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BJ-1  
Appendix-J to Bid

**ESTIMATED PROGRESS PAYMENTS (SAMPLE)**

Bidder's estimate of the value of work which would be executed by him during each of the periods stated below, based on his Programme of the works and the Rates in the Bill of Quantities, expressed in Pakistani Rupees:

Quarter/ Year/ Period	Amounts (in thousands)
1	2
1 <sup>st</sup> Quarter	
2 <sup>nd</sup> Quarter	
3 <sup>rd</sup> Quarter	
4 <sup>th</sup> Quarter	
5 <sup>th</sup> Quarter	
6 <sup>th</sup> Quarter	
Bid Price	

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Bk-1  
Appendix-K to Bid

**ORGANIZATION CHART  
FOR THE  
SUPERVISORY STAFF AND LABOUR**

(To be filled in by the bidder)

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BL-1  
Appendix-L to Bid

(INTEGRITY PACT)

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC.  
PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN  
CONTRACTS WORTH RS. 10.00 MILLION OR MORE**

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: **Boring & Installation of 250 Nos Tube Wells on Solar  
Energy for Assured Supply of 100 Cusecs for Thar Coal  
From LBOD Spinal Drain Rd-362**

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

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

[Name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

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

Notwithstanding any rights and remedies exercised by GoP in this regard, [name of Supplier] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Supplier] as aforesaid for the purpose

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SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOD SPINAL DRAIN RD-382

of obtaining or inducing the procurement of any contract, right, interest, privilege  
or other obligation or benefit in whatsoever form from GoP.

Name of Employer: .....  
Signature: .....  
[Seal]

Name of Contractor: .....  
Signature: .....  
[Seal]

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SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362

## CONDITIONS OF CONTRACT

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### Notes on the Conditions of Contract

The Conditions of Contract comprise two parts:

- (a) Part I - General Conditions of Contract
- (b) Part II - Special Conditions of Contract

Over the years, a number of "model" General Conditions of Contract have evolved. The one used in these Standard Bidding Documents was prepared by the International Federation of Consulting Engineers (Federation International des Ingenieurs-Conseils, or FIDIC), and is commonly known as the FIDIC Conditions of Contract. (The used version is the harmonized Edition March 2006).

The FIDIC Conditions of Contract have been prepared for an ad measurement (unit price or unit rate) type of contract, and cannot be used without major modifications for other types of contract, such as lump sum, turnkey, or target cost contracts.

The standard text of the General Conditions of Contract chosen must be retained intact to facilitate its reading and interpretation by bidders and its review by the procuring agency. Any amendments and additions to the General Conditions, specific to the contract in hand, should be introduced in the Particular Conditions of Contract.

The use of standard conditions of contract for all civil works will ensure comprehensiveness of coverage, better balance of rights or obligations between procuring agency and Contractor, general acceptability of its provisions, and savings in time and cost for bid preparation and review, leading to more economic prices.

The FIDIC Conditions of Contract are copyrighted and may not be copied, faxed, or reproduced. Without taking any responsibility of its being accurate, Pakistan Engineering Council with prior consent of FIDIC Secretariat, has reproduced herein the FIDIC General Conditions of Contract for reference purpose only which cannot be used by the users for preparing their bidding documents. The bidding document may include a purchased copy, the cost of which can be retrieved as part of the selling price of the bidding document. Alternatively, the FIDIC Conditions of Contract can be referred to in the bidding documents, and the bidders are advised to obtain copies directly from FIDIC.\*

\* Add the following text if the bidding documents, as issued, do not include a copy:

"Copies of the FIDIC Conditions of Contract can be obtained from:

To request such permission please contact:

FIDIC CASE POSTALE, CH-1215 Switzerland;

Tel. +41 22 799 49 00;

Fax: +41 22 799 49 01

E-mail: [fidic@fidic.org](mailto:fidic@fidic.org).

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APPENDIX General Conditions of Dispute Board Agreement

Annex PROCEDURAL RULES

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Karachi-75200  
Muzaffargarh



## PART II - SPECIAL /PARTICULAR CONDITIONS OF CONTRACT

### 1.1 Definitions

1.1.1.4 "Form of Bid" is synonymous with "Letter of Tender".

1.1.1.5 "Bid" is synonymous with "Tender".

1.1.1.10 "Bidding" is synonymous with "contract".

The following paragraph is added:

1.1.1.11 "Programme" means the programme to be submitted by the contractor in accordance with Sub-Clause 8.3 and any approved revisions thereto.

1.1.2.2 "Employer" is synonymous with "Procuring Agency"

1.1.2.9 "DB" is synonymous with "Committee".

1.1.3.1 Replace 28 days by 7 days in LCB and 15 days in ICB..

1.1.3.7 "Defects notification Period" is synonymous with "Defects liability Period".

### 3.1 Engineer's Duties and Authority

*The following paragraph is added after duties:*

Procuring agency shall ensure that the Engineer's Representative/Staff is a professional engineer as defined in the Pakistan Engineering Council Act 1975 (V of 1976)

### 4.3 Contractor's Representative

*The following text is to be added after last line:*

The contractor's authorised representative and his other professional engineers working at site shall register themselves with the Pakistan Engineering Council.

### 6.10 Records of Contractor's Personnel and Equipment

*The following paragraph is added:*

The Contractor shall, upon request by the Engineer at any time in relation to any item of hired Contractor's Equipment, forthwith notify the Engineer in writing the name and address of the Owner of the equipment and shall certify that the agreement for the hire thereof contains a provision in accordance with the requirements set forth above.

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*The following sub-clause 7.9 is added in (GCC):*

**7.9 Use of Pakistani Materials and Services**

The contractor shall, so far as may be consistent with the contract, make the maximum use of materials, supplies, plant and equipment indigenous to or produced or fabricated in Pakistan and services, available in Pakistan provided such materials, supplies, plant, equipment and services shall be of required standard.

**8.1 Commencement of Works**

The last para is deleted and substituted with the following:

The contractor shall commence the works on site within the period named in Appendix-A to Bid from the date of receipt by him from the Engineer of a written Notice to Commence. Thereafter, the contractor shall proceed with the works with due expedition and without delay.

**8.11 Prolonged Suspension**  
*Replace 84 days by 120 days.*

**8.3 Programme**

*The following text is to be added after [Commencement of Works]*  
The programme shall be submitted in the either form of:

- a) Bar Chart identifying the critical activities.
- b) Critical Path Method (CPM) identifying the critical path/activities.
- c) Program Evaluation and Review Techniques (PERT).  
(Procuring Agency to select appropriate one)

**13.1 Right to vary**  
In the last line of Para, after the word "Variation", the word "in writing" is added.

**13.3 Variation procedure**  
In the tenth line, after the words "as soon as practicable" following is added:  
"and within a period not exceeding one-eighth of the completion time"

**13.8 Adjustment for changes in cost**

*This clause will be applicable for Foreign funded Project/ Schemes or ICB Contracts (locally & foreign funded) only.*

*The following provision is added for Local funded Project/ Schemes/National Competitive Bidding Contracts:*

The amounts payable to the Contractor, pursuant to Sub-Clause 14.6, shall be adjusted in respect of the rise or fall in the cost of materials only, and will be paid to the contractor on those items mentioned in the Appendix -C (B).



Similarly reduction in the cost of these materials will also be recovered from the contractor accordingly

#### 14.1 The Contract Price

Sub-para (d) is deleted.

#### 14.2 Advance Payment

*The Text is deleted and replaced with following:*

Advance Payment/Mobilization Advance shall be made available to the Contractor by the procuring agency on following conditions:

#### Mobilization Advance/Advance Payment

- (i) Mobilization advance up to 10 % of the Contract Price may be paid by the procuring agency to the Contractor on the works costing Rs2.5 million or above on following conditions:
  - a. on submission by the Contractor of a mobilization advance guarantee for the full amount of the advance in the specified form, from a Scheduled Bank in Pakistan, acceptable to the procuring agency;
- (ii) This Advance without interest shall be recovered in 5 equal installments from the 5 R.A bills and in case the number of bills is less than 5 then 1/5 of the advance without interest thereon shall be recovered from each bill and the balance together with interest be recovered from the final bill. It may be insured that there is sufficient amount in the final bill to enable recovery of the Mobilization Advance.

#### 14.5 Plants and Materials intended for Works

*Add the following paragraph as sub-clause 14.5 (d) for Secured Advance on non - perishable materials and sub-clauses (a), (b) and (c) will be applicable for plants only :-*

- (i) The Contractor shall be entitled to receive from the procuring agency Secured Advance against an INDENTURE BOND in Public Works Account Form No. 31 (Fin. R. Form No. 2) acceptable to the procuring agency of such sum as the Engineer may consider proper in respect of non-perishable materials brought at the site but not yet incorporated in the Permanent Works provided that:
  - (i) The materials are in accordance with the specifications for the permanent works;
  - (ii) Such materials have been delivered to the site and are properly stored and protected against loss or damage or deterioration to the satisfaction and verification of the Engineer/Assistant Engineer but at the risk and cost of the Contractor;
  - (iii) The Contractor's records of the requirements, orders, receipts and uses of materials are kept in a form approved by the Engineer, and such records shall be available for inspection by the Engineer;
  - (iv) The Contractor shall submit with his monthly statement the estimated value of the materials on site together with such documents as may be required by the Engineer for the purpose of valuation of materials and providing evidence of ownership of the same.

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- (v) Ownership of such materials shall be deemed to vest in the procuring agency and these materials shall not be removed from the site or otherwise disposed of without written permission of the procuring agency;
  - (vi) The sum payable for such materials on site shall not exceed 75 % of the (i) landed cost of imported materials, or (ii) ex-factory / ex-warehouse price of locally manufactured or produced materials, or (iii) market price of stands other materials;
  - (vii) Secured Advance shall not be allowed unless and until the previous advance, if any, is fully recovered;
  - (viii) Detailed account of advances must be kept in part II of running account bill or a separate statement; and
  - (ix) Secured Advance may be permitted only against materials/quantities anticipated to be consumed / utilized on the work within a period of 3 months from the date of issue of secured advance and in no case for full quantities of materials for the entire work/contract.
- (II) **Recovery of Secured Advance:**  
Secured Advance paid on non-perishable materials to the Contractor under the above provisions shall be effected from the monthly payments on actual consumption basis, but not later than period specified in the rules not more than three months (even if unutilized);

#### 14.8 Delayed Payment

*Second Para is replaced with following text:*

In the event of the failure of the Procuring Agency to make the payment within the time stated, the procuring agency shall pay to the contractor in case of ICB contracts only, the compensation at rate of KIBOR+2% per annum in local currency and Libor+1% for foreign currency, upon all sums to be paid from the date of which the same would have been paid.

#### 15.2 Termination by Employer

*The following Para is added at the end of the sub-clause:*

Provided further, that in addition to the action taken by the procuring agency against the Contractor under this Clause, the procuring agency may also refer the case of default of the Contractor to Pakistan Engineering Council for punitive action under the Construction and Operation of Engineering Works Bye-Laws 1987, as amended from time to time.

#### 15.6 Corrupt and fraudulent Practices.

*The following text is to be added as 3rd paragraph:*

*Successful Contractor has to provide Integrity Pact (for contracts worth Rs.10.0 million and above).*

If the Contractor or any of his Subcontractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Appendix-L to his Bid, then the procuring agency shall be entitled to:

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

The termination under sub-para (b) of this Sub-Clause shall proceed in the manner prescribed under sub-clauses 15.2 & 15.5 and the payment under Sub-Clause 15.4 shall be made after having deducted the amounts due to the procuring agency under Sub-Para (a) and (c) of this Sub-Clause.

#### 16.4 Payment on Termination

Sub-paragraph (c) is deleted.

#### 17.3 Employer's/ Procuring Agency's Risks

Sub-Clause 17.3 (h) is deleted.

The following text is added in Clause 18.1 (GCC):

#### 18.1 General Requirements for Insurance

The contractor shall be obliged to place all insurances relating to the contract (including, but not limited to, the insurances referred to in Clauses 18.1,18.2,18.3,18.4) with Insurance Company having at least AA rating from PACRA/ICR in favour of the Employer/Procuring Agency valid for a period 28 days after beyond the Bid Validity date.  
Costs of such insurances shall be borne by the contractor.

#### 19.6 Optional Termination, Payment and release by the Employer

Sub-clauses (c), (d) and (e) are deleted.

#### 20.6 Arbitration

Text will be replaced as under;

Any dispute in respect of which:

- (a) the decision, of the Dispute Board has not become final and binding pursuant to sub-clause 20.2, and
- (b) amicable settlement has not been reached within the period stated in sub-clause 20.5, shall be finally settled, under the provisions of the Arbitration Act, 1940 as amended or any statutory modification/Rules of Conciliation And Arbitration PEC Islamabad or re-enactment thereof for the time being in force.

The place of arbitration shall be Karachi.

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## PART II -SPECIAL/PARTICULAR CONDITIONS OF CONTRACT

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Plants and Materials intended for Works	14.5
PROCEDURAL RULES	Annex
Prolonged Suspension	8.11
Programme	8.3
Records of Contractor's Personnel and equipment	6.10
Right to vary	13.1
Termination by Employer/Procuring Agency	15.2
Use of Pakistani Materials and Services	7.9
Variation procedure	13.3

EXECUTIVE ENGINEER  
Tube Well Division  
Mirpurkhas.



Tube well  
Contract Package: TCP-SPPS-L.B.O.D.M

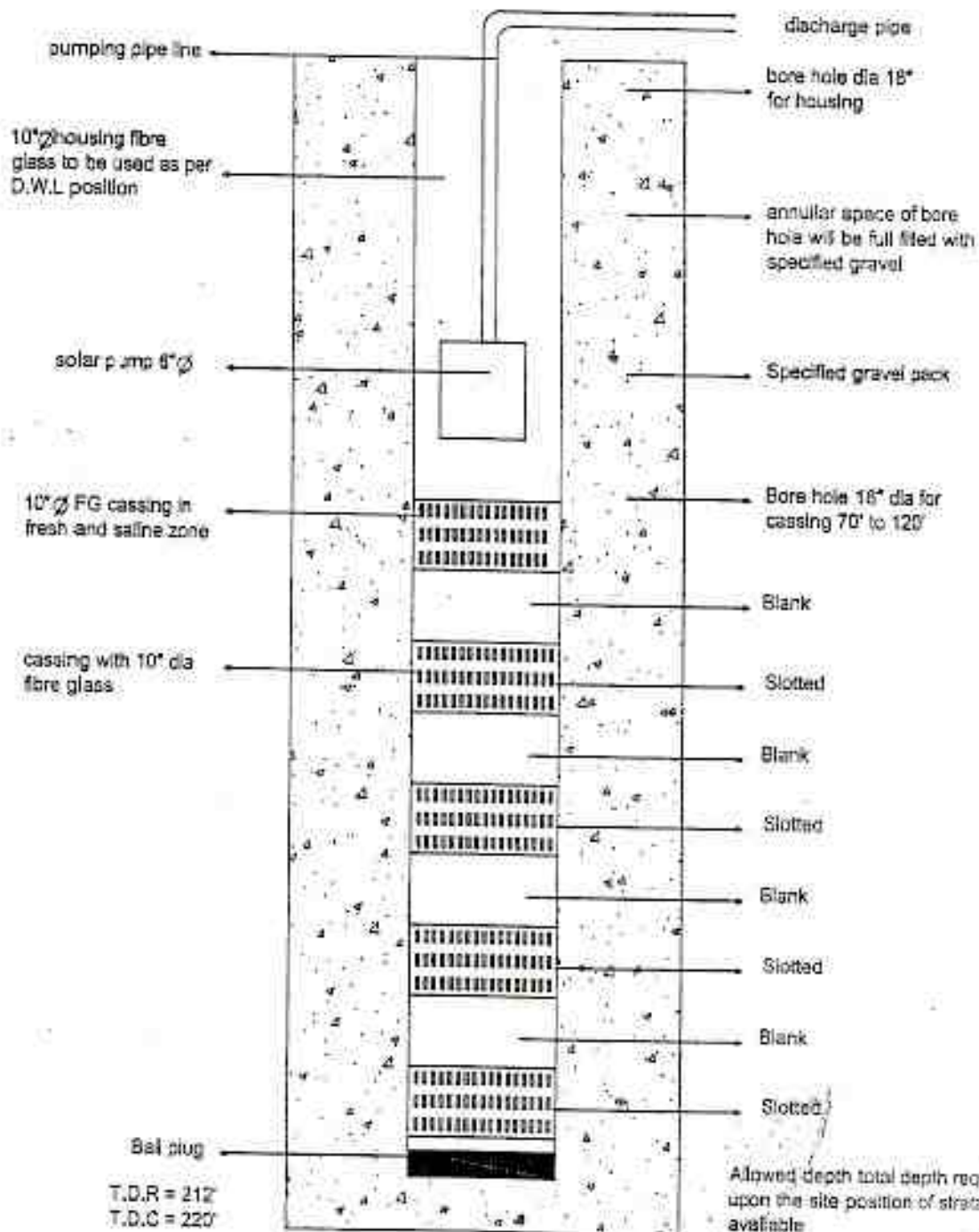
BORENG & INSTALLATION OF 250 NOS TUBE WELLS ON  
SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362

# DRAWINGS

  
EXECUTIVE ENGINEER  
Tube Well Division  
Mirpurkhas

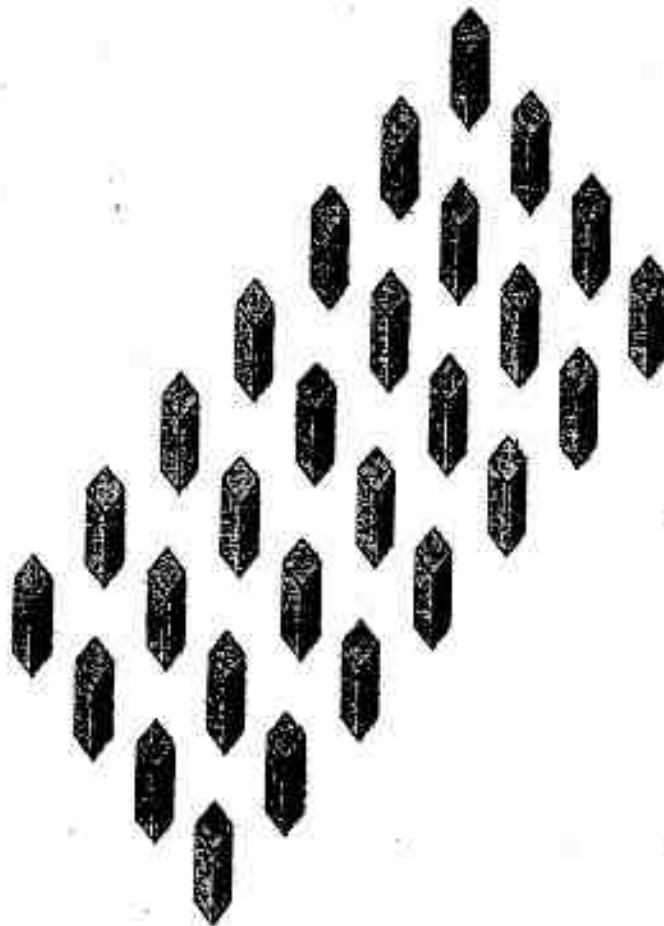


## DESIGN FOR 1.0 CUSECS TUBEWELL



*[Signature]*  
**EXECUTIVE ENGINEER**  
 Tube Well Division  
 Mirpurkhas.





Item No: 413  
(a) Ground Mounted Structure for Solar Panel

General Notes

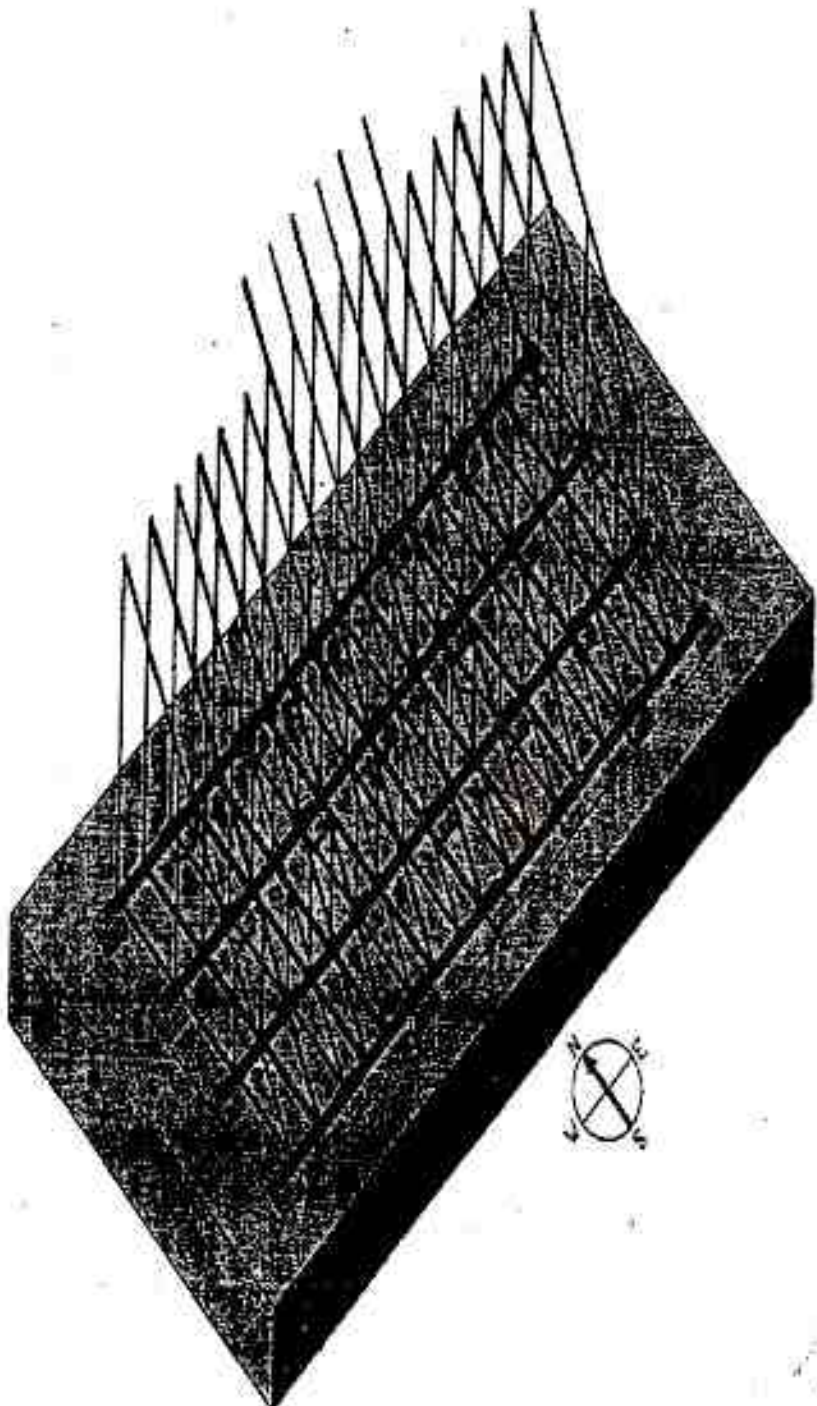
Base Plate 60"x60"  
4" Square Pipe 4" x 4" x 3mm  
Base Angle 2" x 2" x 3mm  
Solar Panel Racking Inqire :  
1" x 2" x 4mm  
Vertical Angle 15° x 15°  
Base Plate 2x2x2  
Base Support with Flat Plate  
square Pipe 2x2x2 and  
4mm thickness  
Bolts and Nuts 3mm dia and  
1" long  
Complete with Fence  
Water Inflow will be read as per site

ENGINEER  
Tube Well Division  
Muzaffargarh



Solar Tube well  
 Contract Package: TCP-SPPS-L.B.O.D/01

BORING & INSTALLATION OF 150 NOS TUBE WELLS ON  
 SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
 FOR THAR COAL FROM L.B.O.D SPINAL DRAIN RD-362



Thin Riveted Erection Rust Proof  
 Steel Structure for Solar Panel

General Notes

Base Plate 1/2" x 1/2" x 6m  
 H-Beam 4" x 4" x 6m  
 Base Angle 2" x 2" x 6m  
 Solar Panel Mounting Angle  
 1" x 2" x 6m  
 Vertical Angle 15°/20°  
 Base Flange 2" x 2"  
 Base Support with 1/2" Plate  
 square Pipe 2" x 2" x 6m  
 and 4m thickness  
 Bolts and Nuts 3/4" dia and  
 1" long  
 Complete with Fence.

Note: Erection of Steel Structure will  
 be as per site requirement

*[Signature]*  
 Tube Well Division  
 Mirpurkhas.



Solar Tube well

Contract Package: TCP-SPPS-L.B.O.0/01

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOD SPINAL DRAIN RD-352

**FORM OF BID  
&  
APPENDICES TO BID**



FORM OF BID

Bid Reference No. TCP-SPPS-L.B.O.D/02

To

Chief Engineer  
Development Region - II  
Buglak - 17 Princh Tokir  
Qasimabad Hyderabad.

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, and Conditions of Contract, Specifications, Drawings and Bill of Quantities and Addenda Nos. NIL for the execution of the above-named Works, we, the undersigned, offer to execute and complete such Works and remedy any defects therein in conformity with the Conditions of Contract, Specifications, Drawings, Bill of Quantities and Addenda for the sum of

Rs. 439,491,691/- (Rupees Four Hundred Thirty nine million, Four Hundred) or such other sum as may be ascertained in accordance with the said conditions. Ninety one thousand, six hundred & ninety one only.

2. We understand that all the Appendices A to L attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of Rupees Ninety Six Lac (Rs. 9,60,000/-) drawn in your favour or made payable to you and valid for a period of 90 days beginning from the date Bids are opened.
4. We undertake, if our Bid is accepted, to commence the Works and to complete the whole of the Works comprised in the Contract within the time stated in Appendix-A to Bid.
5. We agree to abide by this Bid for the period of 90 days following the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other bidder for the Works.
8. We understand that you are not bound to accept the lowest or any Bid you may receive.

FB-2

Dated this 03 day of 09 2014-

Signature: [Signature]

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





UNITED BANK LTD.

Branch United Bank Ltd  
1400 Kashmore

No. SD = 300/0057  
SECURITY DEPOSIT RECEIPT

No. SD 2337519

Date 20-Aug-2019

Received from M/S AT-IT (JV)

On account of Executive Engineer Tubewell Division Mirpur Khas.

Rupees Eight Lac Only

refundable at call according to the terms and conditions printed overleaf.

as and by way of security deposit  
For United Bank Limited

Rs ₹ 8,00,000/-

*[Signatures]*  
Officer Manager

CALL DEPOSIT RECEIPT



MCB Bank Limited  
MCB Bank Ltd. 1570 Kashmore

No. CDR 0964523

Rs. ₹ 10,00,000/-

₹ 10,00,000/- (NOT OVER ₹ 10,00,000/-)  
Date 20/08/2019

Received from Executive Engineer Tubewell

on account of M/S AT-IT (JV) Division Mirpur Khas  
a deposit of class

Rupees Ten Million Only

as a deposit AT CALL bearing NO-INTEREST/PROFIT subject to general rules of the Bank with respect to such deposits.

For MCB BANK LIMITED

This Receipt is Non-transferable / Payable to Beneficiary or Purchaser.

*[Signatures]*  
Operation Manager  
Abdur Raheem IBS No: 19460  
Umesh Kumar IBS No: 11610

NOT TRANSFERABLE

CALL DEPOSIT



نیشنل بینک آف پاکستان  
National Bank of Pakistan

No. CDR/NBP A 957201

Branch KANIKOT (074)

Dated 02/09/2019

Rs ₹ 18,00,000/-

Received from M/S AT-IT (JV)

Executive Engineer Tubewell Division Mirpur Khas the sum of

Rupees One Million Eight Hundred thousand only

which is placed to  
as a deposit repayable at call.

credit with the National Bank of Pakistan  
For National Bank of Pakistan

*[Signatures]*  
Officer Manager

Entered \_\_\_\_\_



Solar Tube well  
Contract Package: TCP-SPPS-L.B.O.D/01

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOO SPINAL DRAIN RD-362

JAVED AHMED

(Name of Bidder in Block Capitals)  
(Seal)

Address: Shop # 12 Mangal Plaza opposite  
Becon house School Qasimabad  
Hyderabad.

Witness:

Signature: 

Name: Mohammad Arif Baloch

Address: H. # 18- LDA WASA Lahore

Occupation: Business



BA-1  
Appendix-A to Bid  
SPECIAL STIPULATIONS

	Clause	Conditions of Contract
1	Amount of Performance Security	4.2 2% of Contract Price stated in the Letter of Acceptance in the form of Bank Guarantee from a Scheduled Bank of Pakistan
2	Time for Furnishing Programme	8.3 Within 42 days from the date of receipt of Letter of Acceptance.
3	Minimum amount of Third Party Insurance	18.3 Rs:1Million- per occurrence with number of occurrences unlimited, to be kept renewed throughout the Contract Period from National Insurance Corporation of Pakistan or any other insurance company operating in Pakistan and acceptable to the Employer.
4	Time for Commencement	8.1 Within 14 days from the date of receipt of Engineer's Notice to Commence which shall be issued within fourteen (14) days after issue of letter of Acceptance.
5	Time for Completion	8.2 & 10.2 730 days from the date of receipt of Engineer's Notice to Commence
6	Amount of Liquidity Damages	8.7 0.05% of Contract Price for each day delay in completion of the Works subject to a maximum of 10% of Contract Price stated in the Letter of Acceptance.
7	Defects Liability Period	11.1 364 days from the effective date of Taking Over Certificate.
8	Percentage of Retention Money	14.2 10% of the amount of Interim Certificate.
9	Limit of Retention Money	14.2 8% of Contract Price stated in the Letter of Acceptance
10	Minimum amount of Interim Payment Certificates	14.2 Rs. 10 Million
11	Time of Payment from delivery of Engineer's Interim/Running Payment Certificate to the procuring agency.	14.7 28 days
12	Mobilization Advance.	14.2 10% of Contract Price stated in the Letter of Acceptance.

*P. Indar*

**FOREIGN CURRENCY REQUIREMENTS**  
**(If required and only in case of International Bidding)**

1. The Bidder may indicate here in below his requirements of foreign currency (if any), with reference to various inputs to the Works.
2. Foreign Currency Requirement as percentage of the Bid Price excluding Provisional Sums \_\_\_\_\_%.
3. Table of Exchange Rates

Unit of Currency	Equivalent in Pak. Rupees
Australian Dollar	_____
Euro	_____
Japanese Yen	_____
U.K. Pound	_____
U.S. Dollars	_____
_____	_____
_____	_____

NOT USED



**PRICE ADJUSTMENT UNDER CLAUSE 70 OF CONDITIONS OF CONTRACT**

The source of indices and the weightages or coefficients for use in the adjustment formula under Clause 70 shall be as follows:  
 (To be filled by the Employer)

Cost Element	Description	Weightages	Applicable index
1	2	3	4
(i)	Fixed Portion	0.350	
(ii)	Local Labour (Skilled & Unskilled) With unskilled as representative items.		Government of Sindh (GS) Federal Bureau of Statistics (FBS) Monthly Statistical Bulletin.
(iii)	Cement - in bags. Portland cement shall be considered representative items for all types of cement.		" " "
(iv)	Reinforcing Steel. ½ "diameter round bar is the representative item for all types of steel to be used in this project.		" " "
(v)	High Speed Diesel (HSD)		" " "
(vi)	Bricks		" " "
(vii)	Bitumen.		" " "
(viii)			" " "
	Total	1.000	" " "

**Notes:**

- Indices for "(ii)" to "(vii)" are taken from the Government of Sindh Federal Bureau of Statistics, Monthly Statistical Bulletin. The base cost indices or prices shall be those applying 28 days prior to the latest day for submission of bids. Current indices or prices shall be those applying 28 days prior to the last day of the billing period.
- Any fluctuation in the indices or prices of materials other than those given above shall not be subject to adjustment of the Contract Price.
- Fixed portion shown here is for typical road project, Employer to determine the weightage of Fixed Portion considering only those cost elements having cost impact of seven (7) percent or more on his specific project.



Appendix-D To Bid  
Bill OF QUANTITIES

Preamble

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per the Contract ( in case of item not mentioned in Bill of Quantities).
3. The rates and prices entered in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the contract include all costs of contractor's plant, labor, supervision, materials, execution, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the contract. Furthermore all duties, taxes and other levies payable by the contractor under the contract, or for any other cause, as on the date 14 days prior to deadline for submission of Bids in case of ICB/NCB respectively, shall be included in the rates and prices and the total bid price submitted by the bidder.
4. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the contractor will have failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities and shall not be paid separately.
5. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the works.
6. General directions and description of work and materials are not necessarily repeated nor summarized in the Bill of Quantities. References to the relevant sections of the bidding documents shall be made before entering prices against each item in the priced Bill of Quantities.
7. Provisional sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer in accordance with sub-clause 13.5 of Part I General Conditions of Contract.



Solar Tube well  
Contract Package: TCP-SPPS-LB O.D/01

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362

**BILL OF QUANTITIES  
(BOQ)**

**PACKAGE-2**

**CIVIL/STRUCTURAL WORKS**



Solar Tube well  
Contract Package: TCP-SPPS-L.B.O.D/01

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOD SPINAL DRAIN RD-352

### ENGINEER'S ESTIMATE

INSTALLATION OF 250 NOS: NEW TUBEWELLS OF 1.0 CUSEC EACH INCLUDING  
CONSTRUCTION OF SOLAR POWERED PUMPING SOLUTION AND ALLIED WORKS IN  
ALL RESPECT FOR THAR COAL POWER GENERATION UNITS  
TUBEWELL DIVISION MIRPURKHAS

CONTRACT PACKAGE -2 CIVIL WORKS  
(EARTH WORK, STRUCTURES & ENGINEER'S REQUIREMENTS)

Bill Nr.	Description	Amount (Rs) Millions
1	Earth Work	270,395,385/-
2	Civil/Structure Works	146,218,306/-
3	Engineer's Representative Requirement	19,113,000/-
	<b>Total</b>	<b>435,726,691/-</b>



Solar Tube well  
Contract Package: TCBSPPSL.B.O.D/01

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOD SPINAL DRAIN RD362

**BILL OF QUANTITIES**

**BILL NR. 1 EARTHWORK PIPE FOR 200 NOS TUBEWELLS  
(DISPOSAL CHANNEL 1500 RFT LENGTH & 50 NOS TUBEWELLS)  
CONTRACT PACKAGE -2**

Sl. No.	Description	Unit	Quantity	Rate (Rs)		Amount
				Figure	Words	
1	Excavation to irrigation channel (ordinary) item No 5, P, No.1 SR-2012	% Cft	3000000	10902/63	Ten thousand, nine hundred & two & sixty three paise	32,707,890/-
2	Supplying & fixing steel pipe 1/4 thick 10 dia i/c steel flange, elbows, rubber, packing nuts, bolts & etc P-32, item No. 1 (a).	P-Rft	75000	1400/-	Fourteen Hundred	105,000,000/-
3	Sand cushions in health trench around the pipe including labour volum -III, Part-III, item No. 48	% Cft	2250000	2025/25	Two thousand twenty five & twenty five paise	45,568,125/-
4	Borrow pit excavation P=01-schedule 2012.	% 0 Cft	3000000	9539/79	Nine thousand five hundred thirty nine and seventy nine paise	28,619,270/-
5	Carriage 1 mile schedule rate Schedule of carriage	% Cft	3000000	1950/-	Nineteen Hundred & fifty.	58,500,000/-
<b>TOTAL FOR BILL NR. 1</b>						<b>270,395,385/-</b>

*Shreed*  
M/s AT - IT  
Govt. Contractor



**BILL OF QUANTITIES**

**BILL NR. 2, STRUCTURE  
CONTRACT PACKAGE-2**

**(OPERATOR ROOM PUMP CHAMBER, DISCHARGE BOX & 50 NOS CULVERTS & FENCING)**

Description	Unit	Total Qty	Rate (Rs)		Amount
			Rs/Unit (In Figure)	Rs/Unit (In words)	
Filling watering and ramming earth in floor with new earth excavated from outside lead up to one chain & lift up to 5 feet.  (GSS-2012, V-III, Part-III, P-5, Item-22).	%0 cft	107000	5830/-	Five thousand eight hundred and thirty.	623,810/-
Excavation in foundation of building, bridges and other structures i/c dag, belling dressing, refilling around structure with excavated earth watering and ramming lead up to one chain and lift up to 5ft. (GS-2012, P-4, Item-18)	%0 cft	54500	7500/-	Seventy five hundred.	408,750/-
Cement concrete plain i/c placing compacting, finishing and curing complete (i/c screening and washing of stone aggregate without shuttering) h Ratio 1:3:6. (GS-2012, P-15, Item-5(h))	%0 cft	46813	19048/-	Nineteen thousand and forty eight.	8916,940/26
Reinforced cement concrete work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, molds, lifting shuttering, curing, rendering and finishing and exposed surface (i/c screening and washing of shingle). a) R.C. Work in roof, slab, beams, columns, rafts, lintels and other structural members laid in site or precast laid in position. i) Ratio 1:2:4 90lbs: cement sand 4cft: shingle 1/8" to 3/4" (GS-2012, P-16, Item-6).	Cft	46738	475/-	Four hundred and seventy five	22200,550/-

*Approved*  


Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending laying in position making joints and fastenings i/c cost of binding wire (also includes removal of rust from bars). (GS-2012, P-18, Item-8)	Cwt	3750	6689/-	Sixty Six Hundred Eighty nine	2,50,83,750/-
Pacca Brick work other than building includes striking of joints up to 20feet heights in cement sand mortar 1:5. (GSS-2012, P-21, Item-7).	%CB	235750	17500/-	Seventeen thousand five hundred.	4,12,56,250/-
Cement plaster 1:3 struck joints. (GSS-2012, V-III, Part-II, P-51, Item 10(c).	%Sft	239000	3805/-	Thirty eight Hundred & five	9,09,39,83/-
Cement pointing 1:2 struck joints. (GSS-2012, V-III, Part-II, P-59, Item 26(c).	%Sft	239000	1752/48	Seventeen hundred and fifty two, forty eight paisa	4,18,84,44/42
White washing c) Three coats. (GSS-2012, V-III, Part-II, P-53, Item 25(b).	%Sft	204250	1129/74	Eleven Hundred twenty nine & Seventy four paisa	2,30,7,500/75
Colour Washing (two coats) (GSS-2004, V-III, Part-II, P-60, Item 25(b).	%Sft	235000	1170/51	Eleven hundred seventy & fifty one paisa.	2,750,702/80
Fixing corrugated galvanized sheet (1-20(b), P-35, 1-16(a).	%Sft	37500	19456/50	Nineteen thousand four hundred fifty six & fifty paisa	7,29,6,185/86
Angle iron & strip (GSS-2012, V-III, Part-III, P-06, Item 144.	Kgm	6075	125/23	one hundred twenty five & twenty three paisa	760,785/05
Making & Fixing steel grated door. (GSS-2012, P-91, Item 1-24.	Sft	21563	989/22	nine hundred eighty nine & twenty two, paisa	21,330,653/11
<b>Total For Bill Nr.2</b>					<b>146,218,306/18</b>



**ENGINEER'S ESTIMATE  
BILL NR. 3**

FOR 250 NOS. NEW TUBEWELLS OF 1.0 CUSEC EACH INCLUDING CONSTRUCTION OF  
SOLAR POWERED PUMPING SOLUTION AND ALLIED WORKS IN ALL RESPECT FOR

THAR COAL POWER GENERATION UNITS  
TUBEWELL DIVISION MIRPURKHAS

CONTRACT PACKAGE -2  
ENGINEER'S REQUIREMENTS

S.N	E.R	Quantity	Amount	Remarks
5/1	Supplying Automatic Viga Double Cabin new model.	01 No	6,000,000/-	
5/2	Supplying Jimmy Jeep, Brand new latest model.	02 Nos	6,400,000/-	
5/3	Supplying Generator-10 KW	01 No	400,000/-	
5/4	Supplying Desktop Computer Core i5 with HP Laser Printer	02 Nos	300,000/-	
5/5	Supplying Photo copy machine latest model	01 No	450,000/-	
5/6	Supplying Office furniture as per instruction of "Engineer"	Lum sum	150,000/-	
5/7	Supplying A/C split 1.5 ton Hire	06 Nos.	450,000/-	
5/8	Supplying Laptops HP	02 Nos.	180,000/-	
5/09	Supplying Digital Camera Sony with GPS latest model	01 No	28,000/-	
5/10	Supplying GPS new model (Max frequency)	02 Nos	300,000/-	
5/11	Supplying Theodolite complete new set.	01 No	150,000/-	
5/12	Supplying Measuring Tap 100 meters standard	04 Nos	20,000/-	
5/13	Supplying EC Meter 100000 TDS Micro meter	02 Nos	600,000/-	
5/14	Supplying Dip meter 100 meter with electrode	02 Nos	350,000/-	
5/15	Supplying Multimedia with all accessories new latest model	01 No	500,000/-	
5/16	Supplying Fax machine Phonex new latest model	01 No	200,000/-	
5/17	Supplying Sieve set as per specification for gravel analysis	01 Set	35,000/-	
5/18	Hiring office accommodation i/c utility service charges as per instruction of "Engineer"	12 Months	600,000/-	
5/19	Supplying Vehicles on hiring i/c POL driver etc.	02 No	200,000/-	
5/20	Maintaining of vehicles i/c POLs Registration comprehensive insurance driver	Vehicles Months 72	1,800,000/-	
	<b>Total - Rs -</b>		<b>19,113,000/-</b>	



**Appendix-D to Bid**

**BILL OF QUANTITIES**

**C. Day work Schedule**

**General**

1. Reference is made to Sub-Clause 13.6 of the General Conditions of Contract. Work shall not be executed on a day work basis except by written order of the Engineer. Bidders shall enter basic rates for day work items in the Schedules, which rates shall apply to any quantity of day work ordered by the Engineer. Nominal quantities have been indicated against each item of day work, and the extended total for day work shall be carried forward to the bid price.

**Day work Labor**

2. In calculating payments due to the contractor for the execution of day work, the actual time of classes of labor directly doing the day work ordered by the Engineer and for which they are competent to perform will be measured excluding meal breaks and rest periods. The time of gangers (charge hands) actually doing work with the gang will also be measured but not the time of foreman or other supervisory personnel.
3. The contractor shall be entitled to payment in respect of the total time that labor is employed on day work, calculated at the basic rates entered by him in the Schedule of day work Rates for labor together with an additional percentage, payment on basic rates representing the contractor's profit, overheads, etc., as described below:
  - a) the basic rates for labor shall cover all direct costs to the contractor, including (but not limited to) the amount of wages paid to such labor, transportation time, overtime, subsistence allowances and any sums paid to or on behalf of such labor for social benefits in accordance with Pakistan law. The basic rates will be payable in local currency only; and
  - b) the additional percentage payment to be quoted by the bidder and applied to costs incurred under (a) above shall be deemed to cover the contractors profit, overheads, superintendence, liabilities and insurances and allowances to labour timekeeping and clerical and office work; the use of consumable stores, water, lighting and power; the use and repair of staging's, scaffolding, workshops and stores, portable power tools, manual plant and tools; supervision by the contractors staff, foremen and other supervisory personnel; and charges incidental to the foregoing.



BD-11  
Appendix-D to Bi

d SCHEDULE OF DAYWORK RATES

I. Labour

Item No.	Description	Unit	Nominal Quantity	Rate (Rs) in Figure	Rate (Rs) in Words	Extended Amount (Rs.)
1	2	3	4	5	6	7
D101	Ganger	Hr	250	50/-	fifty	12,500/-
D102	Labourer	Hr	2500	60/-	sixty	150,000/-
D103	Brick layer	Hr	250	80/-	Eighty	20,000/-
D104	Mason	Hr	250	100/-	one hundred	25,000/-
D105	Carpenter	Hr	250	100/-	- do -	25,000/-
D106	Steel work Erector	Hr	250	100/-	- do -	25,000/-
	----- etc -----	Hr	250	100/-	- do -	25,000/-
D113	Driver for vehicle up to 10 Tons	Hr	500	125/-	one hundred twenty five	62,500/-
D114	Operator for excavator, dragline, shovel or crane	Hr	250	130/-	one hundred thirty	32,500/-
D115	Operator for tractor, (tracked) with dozer blade or Rinner	Hr	250	90/-	Ninety	22,500/-
D122	Sub Total					400,000/-
	Allow <u>30%</u> percent of subtotal for Contractors overhead, profit, etc, in accordance with Paragraph 3(b) of Day work Schedule <u>120,000/-</u>					
	Total for Day work: Labor : <u>520,000/-</u>					
	(Carried forward to Day work Summary)					



work Material

4. The contractor shall be entitled to payment in respect of materials used for day work (except for materials for which the cost is included in the percentage addition to labour costs as detailed heretofore), at the basic rates entered by him in the Schedule of Day work Rates for materials together with an additional percentage payment on the basic rates to cover overhead charges and profit, as follows:
- a) the basic rates for materials shall be calculated on the basis of the invoiced price, freight, insurance, handling expenses, damage, losses, etc., and shall provide for delivery to store for stockpiling at the site. The basic rates shall be stated in local currency but payment will be made in the currency or currencies expended upon presentation of supporting documentation;
  - b) the additional percentage payment shall be quoted by the bidder and applied to the equivalent local currency payments made under Sub-Para(a) above, and the cost of hauling materials used on work ordered to be carried out as Day work from the store or stockpile on the site to the place where it is to be used will be paid in accordance with the terms for Labor and Constructional Plant in this Schedule.



BD-14

Appendix-D to Bid

**Day Work Constructional Plant**

5. The contractor shall be entitled to payments in respect of constructional plant already on site and employed on Day work at the basic rental rates entered by him in the Schedule of Day work Rates for constructional plant. The said rates shall be deemed to include complete allowance for depreciation, interest, indemnity and insurance, repairs, maintenance, supplies, fuel, lubricants, and other consumables, and all overhead, profit and administrative costs related to the use of such equipment. The cost of drivers, operators and assistants will be paid for separately as described under the section on Day work Labor.
6. In calculating the payment due to the Contractor for constructional plant employed on Day work, only the actual number of working hours will be eligible for payment, except that where applicable and agreed with the Engineer, the travelling time from the part of the site where the constructional plant was located when ordered by the Engineer to be employed on Day work and the time for return journey thereto shall be included for payment.
7. The basic rental rates for constructional plant employed on Day work shall be stated in Pakistani Rupees.



BD-15

Appendix-D to Bid

SCHEDULE OF DAYWORK

RATES III. Constructional Plant

Item No.	Description	Unit	Nominal Quantity	Rate (Rs.) in Figure	Rate Rs.) in Words	Extended Amount (Rs.)
1	2	3	4		5	6
D301	Excavator, face shovel or drauline:					
	1. Up-to and including 1 Cu.M.	Hr	250	2500/-	Twenty five hundred	625,000/-
	2. Over 1 Cu.M to 2 Cu. M.	Hr	500	3000/-	Three thousand	1,500,000/-
	3. Over 2 Cu. M	Hr	50	3000/-	-do-	1,50,000/-
D302	Tractor (tracked) including bull or angle dozer:					
		Hr	250	1000/-	one thousand	250,000/-
	1. Up-to and including 150 HP	Hr	200	1000/-	-do-	200,000/-
		Hr	100	1000/-	-do-	100,000/-
D303	Tractor with ripper:					
	1. Up-to and including 200 HP	Hr	200	1500/-	fifteen hundred	3,00,000/-
		Hr	100	1200/-	Twelve hundred	1,20,000/-
D304	----- etc -----					
Total for day work: Constructional Plant (Carried forward to day work summary)						3,245,000/-





Tube well  
Contract Package: TCP-SPPS-L.B.O.D/01

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOG SPINAL DRAIN RD-362

BD-16

Appendix-D to Bid

### DAYWORK

#### Summary (Day work)

	Amount (Rs.)
(I) Total for day work: Labor	<u>520,000/-</u>
(II) Total for day work: Materials	<u>          -</u>
(III) Total for day work: Constructional Plan	<u>3,245,000/-</u>
Total for day work	<u>3,765,000/-</u>
(Carried forward to summary page of Bill of Quantities)	



BD-17  
Appendix-D to Bid

BILL OF QUANTITIES (SAMPLE)

SUMMARY

	Amount (R s.)
Bill No. 1: Specifications and all Standard Accessories	
1 - Earth work	270,395,385/-
2 - Civil/Structure works	146,218,306/-
3 - Engineer, & Representative	19,113,000/-
Sub-Total of Bills	<u>435,726,691/-</u>
Day work	<u>3,765,000/-</u>
Bid Price	<u>439,491,691/-</u>

Note: All Provisional Sums are to be expended in whole or, in part at the direction a discretion of the Engineer in accordance with Sub-Clauses 52.4 and 58.2 of the Genera Conditions of Contract Part- I.



BE-1

Appendix-E to Bid

### PROPOSED CONSTRUCTION SCHEDULE

Pursuant to Sub-Clause 43.1 of the General Conditions of Contract, the works shall be completed on or before the date stated in Appendix-A to Bid. The bidder shall provide as Appendix-E to Bid, the Construction Schedule in the bar chart (CPM, PERT or any other to be specified herein) showing the sequence of work items and the period of time during which he proposes to complete each work item in such a manner that his proposed programme for completion of the whole of the works and parts of the works may meet procuring agencies.

Description

Time for Completion

1) Whole works

730 days



BF-1

Appendix-F to Bid

### METHOD OF PERFORMING THE WORK

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

1. Organization Chart indicating head office and field office personnel involved in management and supervision, engineering, equipment maintenance and purchasing.
2. Mobilization in Pakistan, the type of facilities including personnel accommodation, office accommodation, provision for maintenance and for storage, communications, security and other services to be used.
3. The method of executing the works, the procedures for installation of equipment and machinery and transportation of equipment and materials to the site.



BG-1

Appendix-G to Bid

LIST OF MAJOR EQUIPMENT - RELATED ITEMS

[The bidder will provide on Sheet 2 of this Appendix a list of all major equipment and related items, under separate heading for items owned, to be purchased or to be arranged on lease by him to carry out the works. The information shall include make, type, capacity, and anticipated period of utilization for all equipment which shall be in sufficient detail to demonstrate fully that the equipment will meet all requirements of the Specifications.]



BC-2  
 Appendix-G to Bid

LIST OF MAJOR EQUIPMENT (SAMPLE)

Owned Purchased or Leased	Description of Unit (Make, Model, Year)	Capacity HP Rating	Condition	Present Location or Source	Date of Delivery at Site	Period of Work on Project
1	2	3	4	5	6	7
a. Owned						
b. To be Purchased						
c. To be arranged on Lease						



BH-1  
Appendix-H to Bid

### CONSTRUCTION CAMP AND HOUSING FACILITIES

The Contractor in accordance with Clause 6 of the Conditions of Contract shall provide description of his construction camp facilities and staff housing requirements.



BI-1  
Appendix-I to Bid

**LIST OF SUBCONTRACTORS**

I/We intend to subcontract the following parts of the work to subcontractors. In my/our opinion, the subcontractors named hereunder are reliable and competent to perform that part of the work for which each is listed.

Enclosed are documentation outlining experience of subcontractors, the curriculum vitae and experience of their key personnel who will be assigned to the contract, equipment to be supplied by them, size, location and type of contracts carried out in the past.

Part of Works (Give Details)	Subcontractor (With Complete Address)
1	2





BJ-1  
Appendix-J to Bid

**ESTIMATED PROGRESS PAYMENTS (SAMPLE)**

Bidder's estimate of the value of work which would be executed by him during each of the periods stated below, based on his Programme of the works and the Rates in the Bill of Quantities, expressed in Pakistani Rupees:

Quarter/ Year/ Period	Amounts (in thousands)
1	2
1 <sup>st</sup> Quarter	
2 <sup>nd</sup> Quarter	
3 <sup>rd</sup> Quarter	
4 <sup>th</sup> Quarter	
5 <sup>th</sup> Quarter	
6 <sup>th</sup> Quarter	
<b>Bid Price</b>	



Bk-1  
Appendix-K to Bid

**ORGANIZATION CHART  
FOR THE  
SUPERVISORY STAFF AND LABOUR**

**(To be filled in by the bidder)**



BL-1  
Appendix-L to Bid

**(INTEGRITY PACT)**

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC.  
PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN  
CONTRACTS WORTH RS. 10.00 MILLION OR MORE**

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: **Boring & Installation of 250 Nos Tube Wells on Solar  
Energy for Assured Supply of 100 Cusecs for Thar Coal  
From LBOD Spinal Drain Rd-362**

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

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

[Name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

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

Notwithstanding any rights and remedies exercised by GoP in this regard, [name of Supplier] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Supplier] as aforesaid for the purpose



Solar Tube well  
Contract Package: TCP-SPPS-LB.O.D/01

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FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362

of obtaining or inducing the procurement of any contract, right, interest, privilege  
or other obligation or benefit in whatsoever form from GoP.

Name of Employer: .....  
Signature: .....  
[Seal]

Name of Contractor: .....  
Signature: .....  
[Seal]



Solar Tube well  
Contract Package: TCP-SPPS4..B.C.D/01

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362

## CONDITIONS OF CONTRACT



### Notes on the Conditions of Contract

The Conditions of Contract comprise two parts:

- (a) Part I - General Conditions of Contract
- (b) Part II - Special Conditions of Contract

Over the years, a number of "model" General Conditions of Contract have evolved. The one used in these Standard Bidding Documents was prepared by the International Federation of Consulting Engineers (Federation International des Ingenieurs-Conseils, or FIDIC), and is commonly known as the FIDIC Conditions of Contract. (The used version is the harmonized Edition March 2006).

The FIDIC Conditions of Contract have been prepared for an ad measurement (unit price or unit rate) type of contract, and cannot be used without major modifications for other types of contract, such as lump sum, turnkey, or target cost contracts.

The standard text of the General Conditions of Contract chosen must be retained intact to facilitate its reading and interpretation by bidders and its review by the procuring agency. Any amendments and additions to the General Conditions, specific to the contract in hand, should be introduced in the Particular Conditions of Contract.

The use of standard conditions of contract for all civil works will ensure comprehensiveness of coverage, better balance of rights or obligations between procuring agency and Contractor, general acceptability of its provisions, and savings in time and cost for bid preparation and review, leading to more economic prices.

The FIDIC Conditions of Contract are copyrighted and may not be copied, faxed, or reproduced. Without taking any responsibility of its being accurate, Pakistan Engineering Council with prior consent of FIDIC Secretariat, has reproduced herein the FIDIC General Conditions of Contract for reference purpose only which cannot be used by the users for preparing their bidding documents. The bidding document may include a purchased copy, the cost of which can be retrieved as part of the selling price of the bidding document. Alternatively, the FIDIC Conditions of Contract can be referred to in the bidding documents, and the bidders are advised to obtain copies directly from FIDIC.\*

\* Add the following text if the bidding documents, as issued, do not include a copy:

"Copies of the FIDIC Conditions of Contract can be obtained from:

To request such permission please contact:

FIDIC CASE POSTALE, CH-1215 Switzerland;

Tel: +41 22 799 49 00;

Fax: +41 22 799 49 01

E-mail: [fidic@fidic.org](mailto:fidic@fidic.org).



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APPENDIX General Conditions of Dispute Board Agreement

Annex PROCEDURAL RULES



## PART II - SPECIAL /PARTICULAR CONDITIONS OF CONTRACT

### 1.1 Definitions

1.1.1.4 "Form of Bid" is synonymous with "Letter of Tender".

1.1.1.5 "Bid" is synonymous with "Tender".

1.1.1.10 "Bidding" is synonymous with "contract".

The following paragraph is added:

1.1.1.11 "Programme" means the programme to be submitted by the contractor in accordance with Sub-Clause 8.3 and any approved revisions thereto.

1.1.2.2 "Employer" is synonymous with "Procuring Agency"

1.1.2.9 "DB" is synonymous with "Committee".

1.1.3.1 Replace 28 days by 7 days in LCB and 15 days in ICB..

1.1.3.7 "Defects notification Period" is synonymous with "Defects liability Period".

### 3.1 Engineer's Duties and Authority

*The following paragraph is added after duties:*

Procuring agency shall ensure that the Engineer's Representative/Staff is a professional engineer as defined in the Pakistan Engineering Council Act 1975 (V of 1976)

### 4.3 Contractor's Representative

*The following text is to be added after last line:*

The contractor's authorised representative and his other professional engineers working at site shall register themselves with the Pakistan Engineering Council.

### 6.10 Records of Contractor's Personnel and Equipment

*The following paragraph is added:*

The Contractor shall, upon request by the Engineer at any time in relation to any item of hired Contractor's Equipment, forthwith notify the Engineer in writing the name and address of the Owner of the equipment and shall certify that the agreement for the hire thereof contains a provision in accordance with the requirements set forth above.





*The following sub-clause 7.9 is added in (GCC):*

**7.9 Use of Pakistani Materials and Services**

The contractor shall, so far as may be consistent with the contract, make the maximum use of materials, supplies, plant and equipment indigenous to or produced or fabricated in Pakistan and services, available in Pakistan provided such materials, supplies, plant, equipment and services shall be of required standard.

**8.1 Commencement of Works**

The last para is deleted and substituted with the following:

The contractor shall commence the works on site within the period named in Appendix-A to Bid from the date of receipt by him from the Engineer of a written Notice to Commence. Thereafter, the contractor shall proceed with the works with due expedition and without delay.

**8.11 Prolonged Suspension**

*Replace 84 days by 120 days.*

**8.3 Programme**

*The following text is to be added after [Commencement of Works]  
The programme shall be submitted in the either form of:*

- a) Bar Chart identifying the critical activities.
  - b) Critical Path Method (CPM) identifying the critical path/activities.
  - c) Program Evaluation and Review Techniques (PERT).
- (Procuring Agency to select appropriate one)

**13.1 Right to vary**

In the last line of Para, after the word "Variation", the word "in writing" is added.

**13.3 Variation procedure**

In the tenth line, after the words "as soon as practicable" following is added:  
"and within a period not exceeding one-eighth of the completion time"

**13.8 Adjustment for changes in cost**

*This clause will be applicable for Foreign funded Project/ Schemes or ICB  
Contracts (locally & foreign funded) only.*

*The following provision is added for Local funded Project/ Schemes/National Competitive  
Bidding Contracts:*

The amounts payable to the Contractor, pursuant to Sub-Clause 14.6, shall be adjusted in respect of the rise or fall in the cost of materials only, and will be paid to the contractor on those items mentioned in the Appendix -C (B).



Similarly reduction in the cost of these materials will also be recovered from the contractor accordingly.

#### 14.1 The Contract Price

Sub-para (d) is deleted.

#### 14.2 Advance Payment

*The Text is deleted and replaced with following:*

Advance Payment/Mobilization Advance shall be made available to the Contractor by the procuring agency on following conditions:

#### Mobilization Advance/Advance Payment

- (i) Mobilization advance up to 10 % of the Contract Price may be paid by the procuring agency to the Contractor on the works costing Rs2.5 million or above on following conditions:
  - a. on submission by the Contractor of a mobilization advance guarantee for the full amount of the advance in the specified form, from a Scheduled Bank in Pakistan, acceptable to the procuring agency;
- (ii) This Advance without interest shall be recovered in 5 equal installments from the 5 R.A bills and in case the number of bills is less than 5 then 1/5 of the advance without interest thereon shall be recovered from each bill and the balance together with interest be recovered from the final bill. It may be insured that there is sufficient amount in the final bill to enable recovery of the Mobilization Advance.

#### 14.5 Plants and Materials intended for Works

*Add the following paragraph as sub-clause 14.5 (d) for Secured Advance on non - perishable materials and sub-clauses (a), (b) and (c) will be applicable for plants only :-*

- (I) The Contractor shall be entitled to receive from the procuring agency Secured Advance against an INDENTURE BOND in Public Works Account Form No. 31 (Fin. R. Form No. 2) acceptable to the procuring agency of such sum as the Engineer may consider proper in respect of non-perishable materials brought at the site but not yet incorporated in the Permanent Works provided that:
  - (i) The materials are in accordance with the specifications for the permanent works;
  - (ii) Such materials have been delivered to the site and are properly stored and protected against loss or damage or deterioration to the satisfaction and verification of the Engineer/Assistant Engineer but at the risk and cost of the Contractor;
  - (iii) The Contractor's records of the requirements, orders, receipts and use of materials are kept in a form approved by the Engineer, and such records shall be available for inspection by the Engineer;
  - (iv) The Contractor shall submit with his monthly statement the estimated value of the materials on site together with such documents as may be required by the Engineer for the purpose of valuation of materials and providing evidence of ownership and therefore;



- (v) Ownership of such materials shall be deemed to vest in the procuring agency and these materials shall not be removed from the site or otherwise disposed of without written permission of the procuring agency;
  - (vi) The sum payable for such materials on site shall not exceed 75 % of the (i) landed cost of imported materials, or (ii) ex-factory / ex-warehouse price of locally manufactured or produced materials, or (iii) market price of stands other materials;
  - (vii) Secured Advance shall not be allowed unless and until the previous advance, if any, is fully recovered;
  - (viii) Detailed account of advances must be kept in part II of running account bill or a separate statement; and
  - (ix) Secured Advance may be permitted only against materials/quantities anticipated to be consumed / utilized on the work within a period of 3 months from the date of issue of secured advance and in no case for full quantities of materials for the entire work/contract.
- (II) **Recovery of Secured Advance:**  
Secured Advance paid on non-perishable materials to the Contractor under the above provisions shall be effected from the monthly payments on actual consumption basis, but not later than period specified in the rules not more than three months (even if unutilized);

#### 14.8 Delayed Payment

*Second Para is replaced with following text:*

In the event of the failure of the Procuring Agency to make the payment within the time stated, the procuring agency shall pay to the contractor in case of ICB contracts only, the compensation at rate of KIBOR+2% per annum in local currency and Libor+1% for foreign currency, upon all sums to be paid from the date of which the same would have been paid.

#### 15.2 Termination by Employer

*The following Para is added at the end of the sub-clause:*

Provided further, that in addition to the action taken by the procuring agency against the Contractor under this Clause, the procuring agency may also refer the case of default of the Contractor to Pakistan Engineering Council for punitive action under the Construction and Operation of Engineering Works Bye-Laws 1987, as amended from time to time.

#### 15.6 Corrupt and fraudulent Practices.

*The following text is to be added as 3rd paragraph:*

*Successful Contractor has to provide Integrity Pact (for contracts worth Rs. 10.0 million and above).*

If the Contractor or any of his Subcontractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Appendix-L to his Bid, then the procuring agency shall be entitled to:



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

The termination under sub-para (b) of this Sub-Clause shall proceed in the manner prescribed under sub-clauses 15.2 & 15.5 and the payment under Sub-Clause 15.4 shall be made after having deducted the amounts due to the procuring agency under Sub-Para (a) and (c) of this Sub-Clause.

#### 16.4 Payment on Termination

Sub-paragraph (c) is deleted.

#### 17.3 Employer's/ Procuring Agency's Risks

Sub-Clause 17.3 (h) is deleted.

The following text is added in Clause 18.1 (GCC):

#### 18.1 General Requirements for Insurance

The contractor shall be obliged to place all insurances relating to the contract (including, but not limited to, the insurances referred to in Clauses 18.1,18.2,18.3,18.4) with Insurance Company having at least AA rating from PACRA/ICR in favour of the Employer/Procuring Agency valid for a period 28 days after beyond the Bid Validity date. Costs of such insurances shall be borne by the contractor.

#### 19.6 Optional Termination, Payment and release by the Employer

Sub-clauses (c), (d) and (e) are deleted.

#### 20.6 Arbitration

Text will be replaced as under:

Any dispute in respect of which:

- (a) the decision, of the Dispute Board has not become final and binding pursuant to sub-clause 20.2, and
- (b) amicable settlement has not been reached within the period stated in sub-clause 20.5, shall be finally settled, under the provisions of the Arbitration Act, 1940 as amended or any statutory modification/Rules of Conciliation And Arbitration PEC Islamabad or re-enactment thereof for the time being in force.

The place of arbitration shall be Karachi.



## PART II -SPECIAL/PARTICULAR CONDITIONS OF CONTRACT

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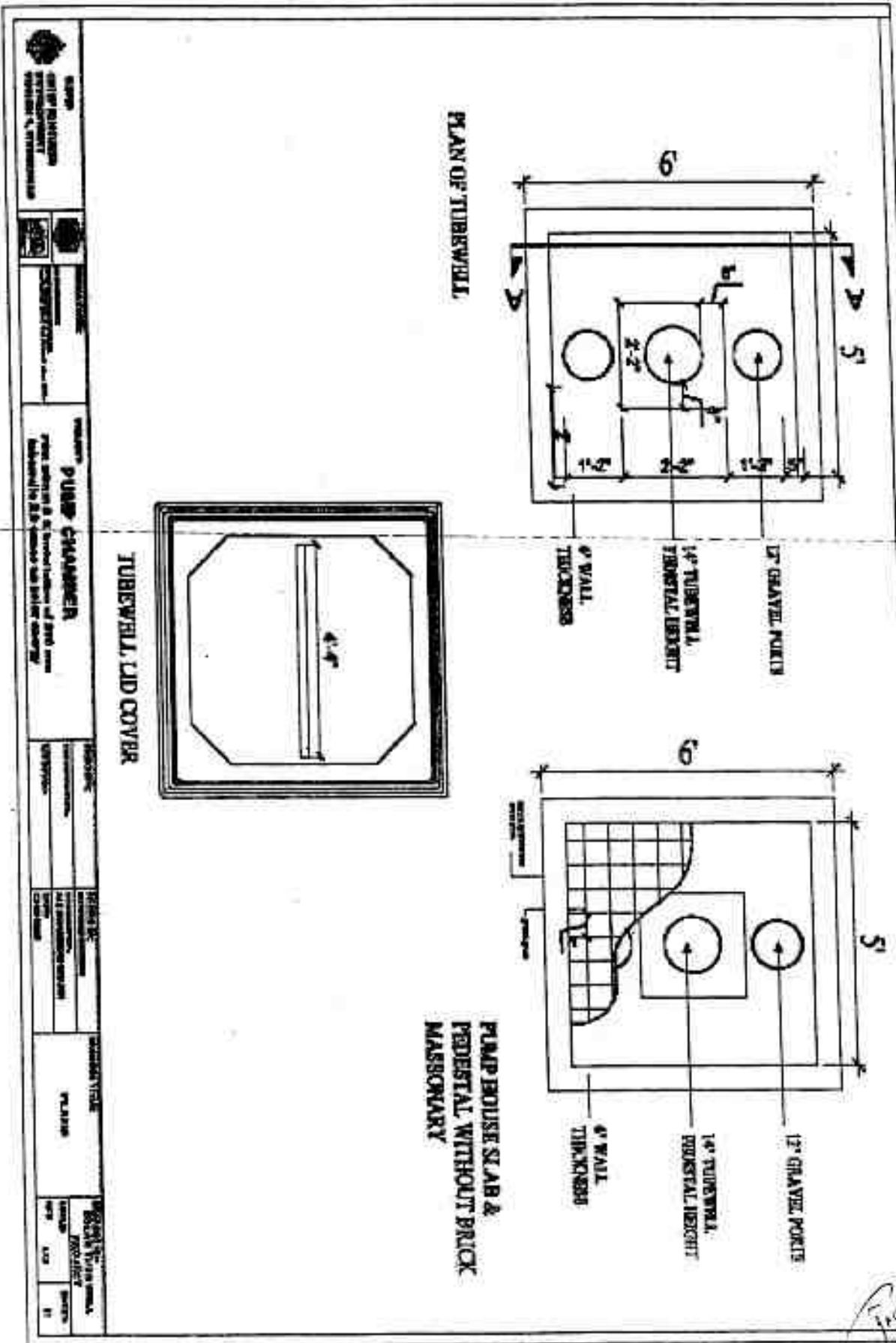


Solar Tube well  
Contract Package: TCP-SPPS-L.B.O.D/01

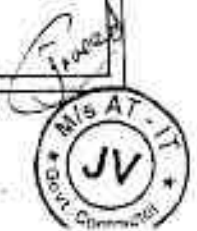
BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362

# DRAWINGS



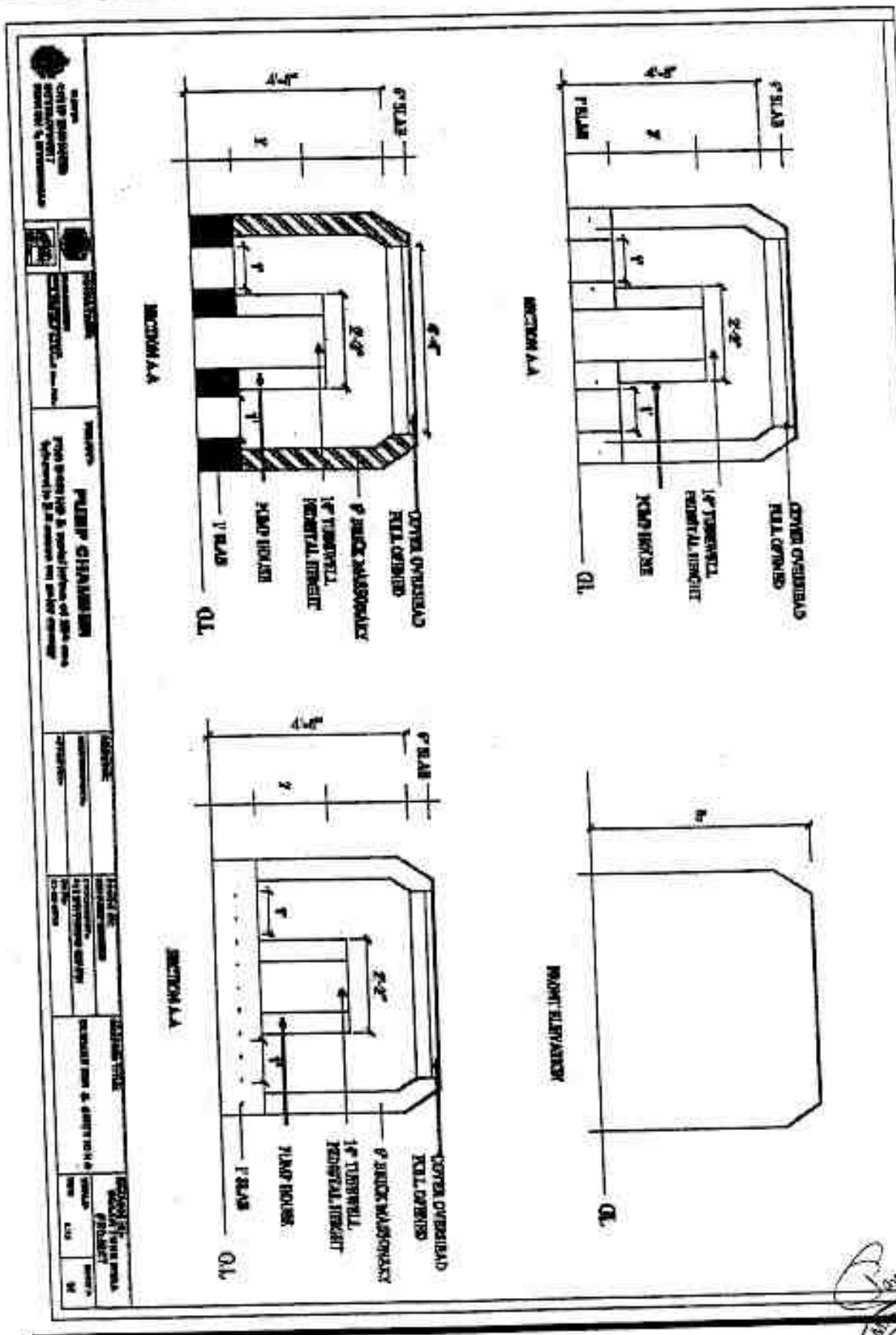


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	DATE	DATE	DATE
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SHEET NO.			
TOTAL SHEETS			
SCALE			
DRAWING NO.			

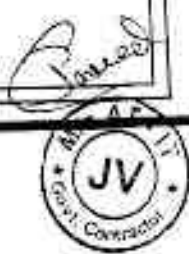


Solar Tube well  
 Contract Package: TCP-SPPS-LB.O.D/91

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
 SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
 FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362



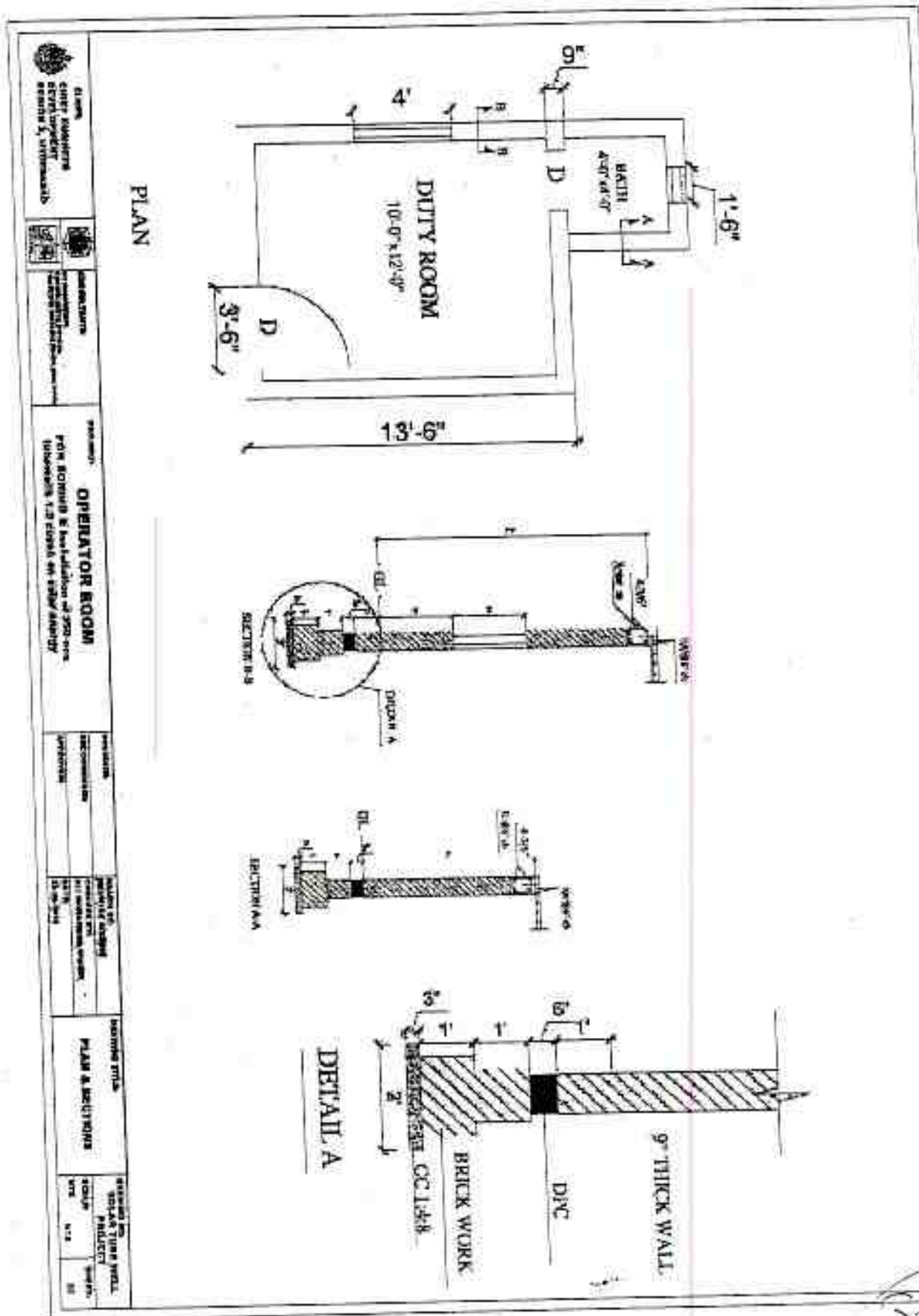
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DESIGNER _____ CHECKED BY _____ APPROVED BY _____		PROJECT LOCATION _____ CONTRACTOR _____	





Solar Tube well  
 Contract Package: TCP-SPPS-L.B.O.D/01

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
 SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
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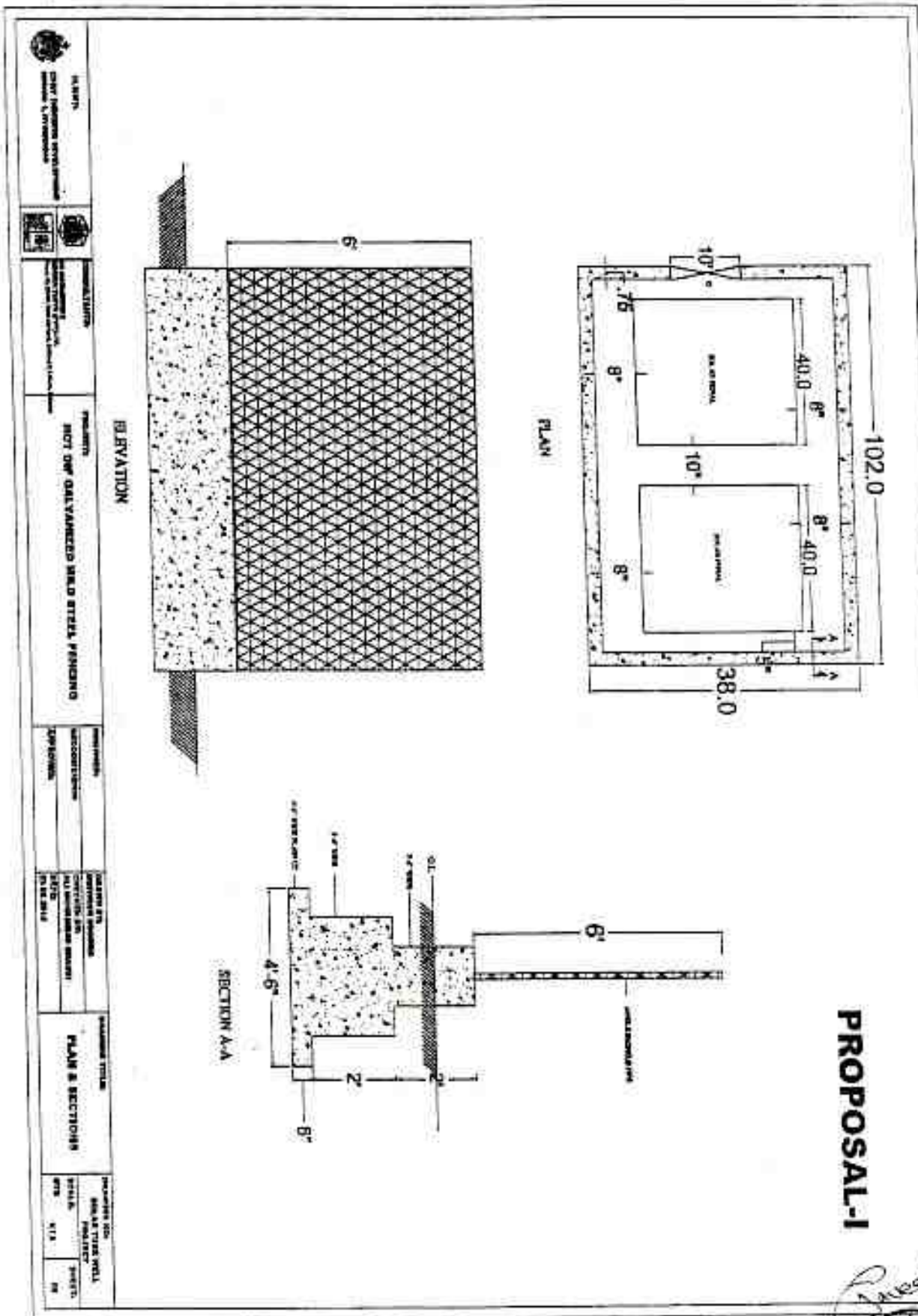


<p>CLIENT          CHIEF ENGINEER          DEVELOPMENT          SECTION          BARRACKS          BARRACKS</p>	<p>CONTRACTOR          M/S. S.P.P.S. LTD.          BARRACKS          BARRACKS</p>	<p>PROJECT          FROM BORING &amp; Installation of 250 nos          tube wells 1.2 cusecs in solar energy</p>	<p>DATE          15-06-2014</p>	<p>DATE          15-06-2014</p>	<p>DATE          15-06-2014</p>	<p>DATE          15-06-2014</p>
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Solar Tube well  
 Contract Package: TCP-SPPS-L.B.O.D.01

BORING & INSTALLATION OF 250 NDS TUBE WELLS ON  
 SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
 FOR TELAR COAL FROM LBOD SPINAL DRAIN RD-362



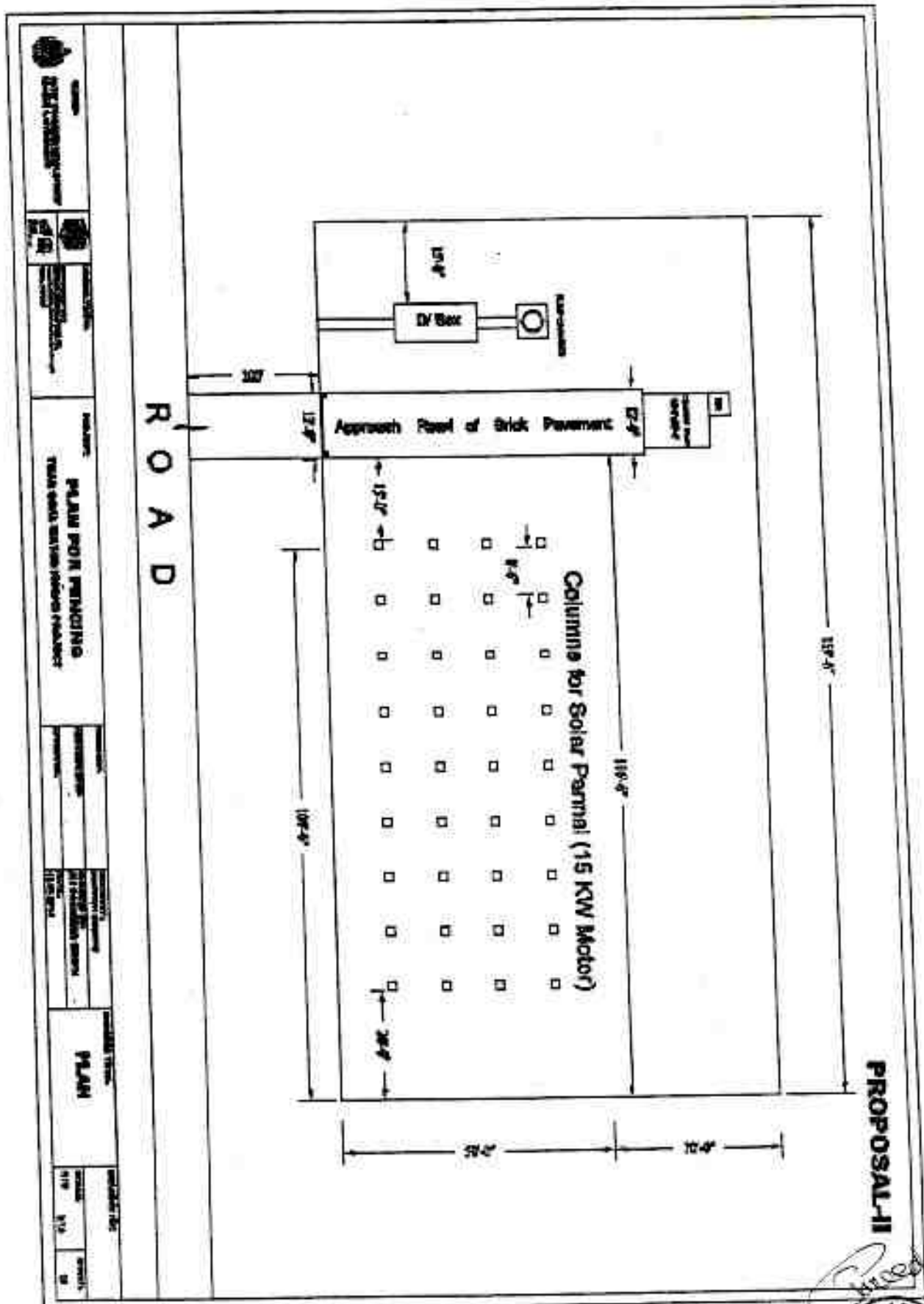
	NAME Solar Tube Well	PROJECT NOT ON GALVANIZED MILD STEEL FINISH	CONTRACT NO. TCP-SPPS-L.B.O.D.01	DRAWING NO. PLAN & SECTION	SHEET NO. 1/1
	CONTRACTOR M/S. J.V. Govt. Contractor	MATERIAL NOT ON GALVANIZED MILD STEEL FINISH	DATE 10/10/2023	SCALE AS SHOWN	PROJECT NO. TCP-SPPS-L.B.O.D.01

**PROPOSAL-1**



Solar Tube well  
 Contract Package: TCP-SPPS-L.B.O.D/01

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
 SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
 FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362

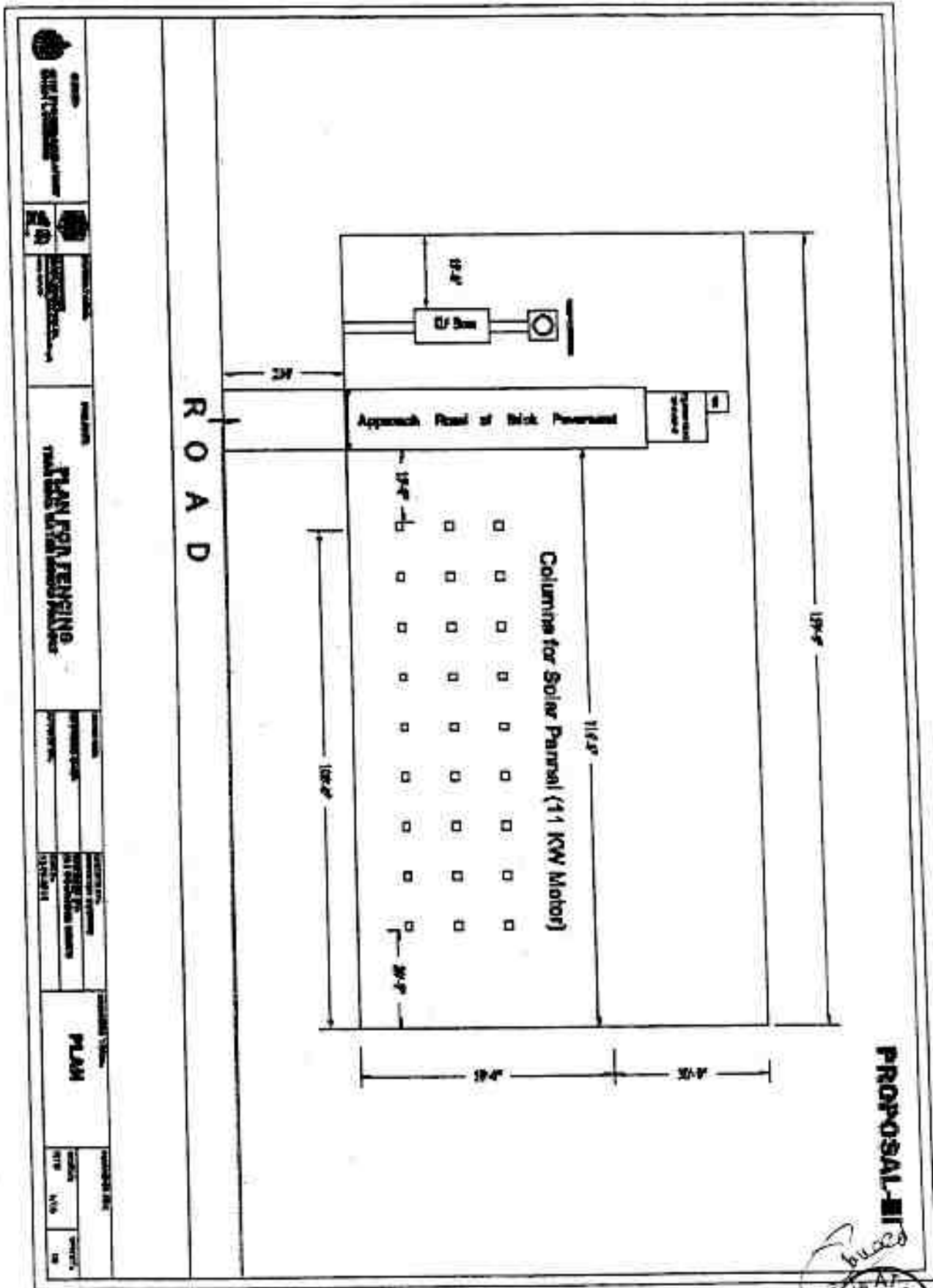


	PROJECT TITLE <b>PLAN FOR PERFORMING</b> <b>TASKS WITHIN THE PROJECT</b>	PROJECT NO. _____	PROJECT LOCATION _____	PROJECT STATUS _____	PROJECT START DATE _____	PROJECT END DATE _____	PROJECT BUDGET _____	PROJECT COST _____
	<b>PLAN</b>	PROJECT NO. _____	PROJECT LOCATION _____	PROJECT STATUS _____	PROJECT START DATE _____	PROJECT END DATE _____	PROJECT BUDGET _____	PROJECT COST _____



Solar Tube well  
 Contract Package: TCP-SPPS-L.B.O.D/01

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
 SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
 FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362

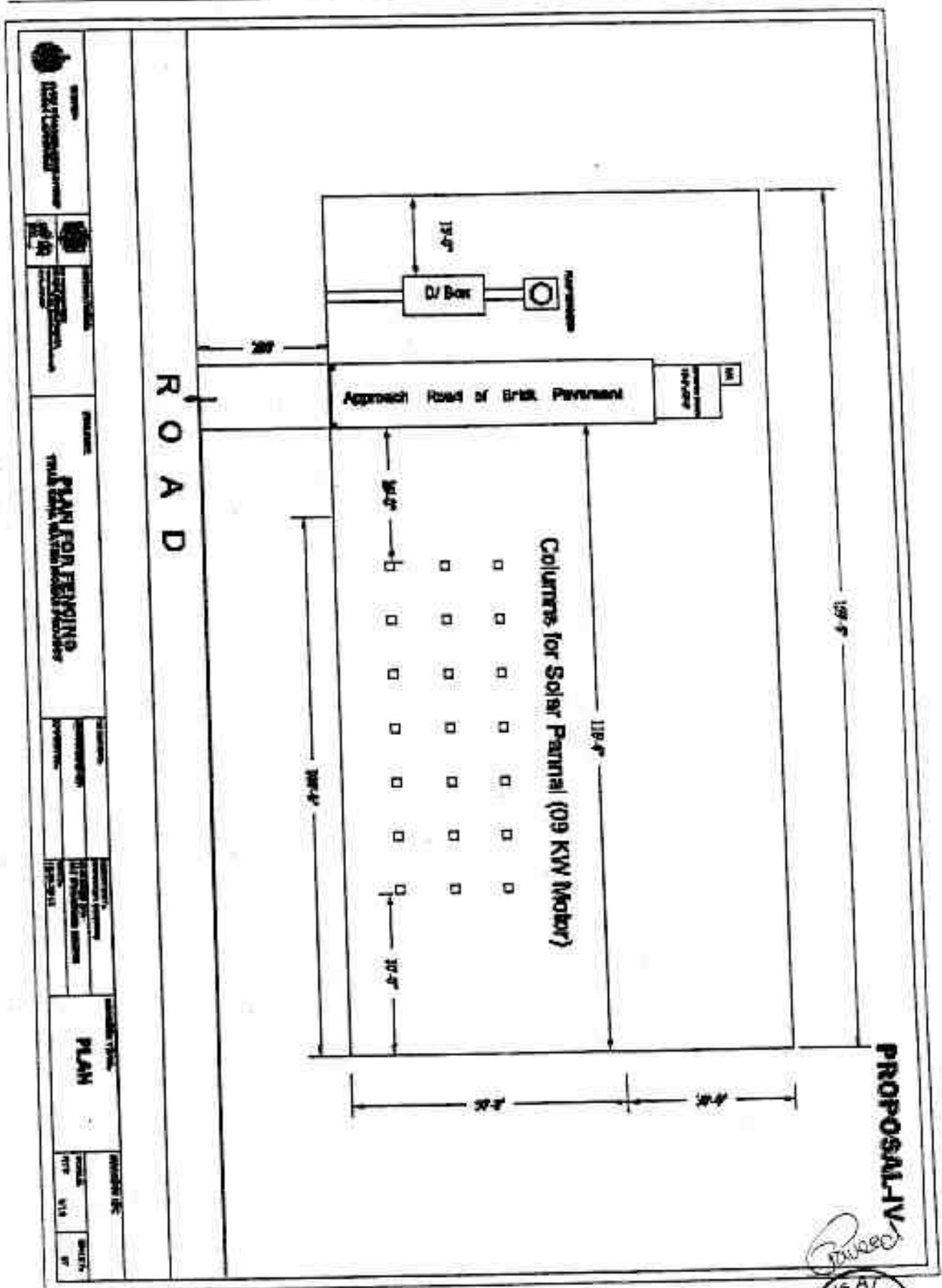


PROPOSAL-III



Solar Tube well  
 Contract Package: TCP-SPPS-L.B.O.D/11

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
 SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
 FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362



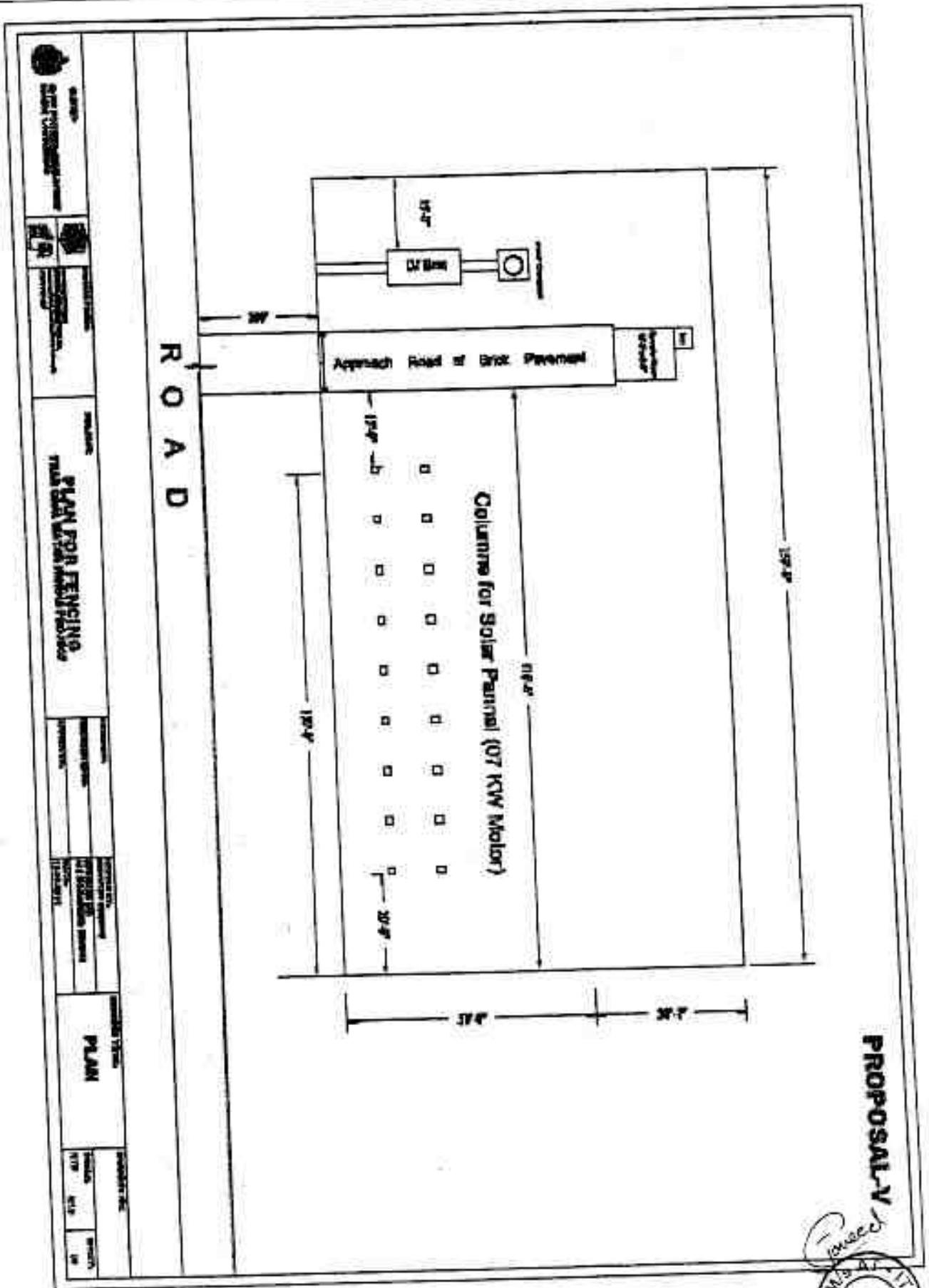
	PROJECT NO. 11/11/11	PROJECT NAME PLAN FOR FENCING	DRAWN BY M/S	CHECKED BY M/S	DATE 11/11/11
	SCALE 1:1	SHEET NO. 1/1	TOTAL SHEETS 1/1	PROJECT LOCATION THAR COAL	PROJECT OWNER M/S

PROPOSAL-IV



Solar Tube well  
 Contract Package: TCP-SPPS-L.R.O.D/01

BORING & INSTALLATION OF 150 NOS TUBE WELLS ON  
 SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
 FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362



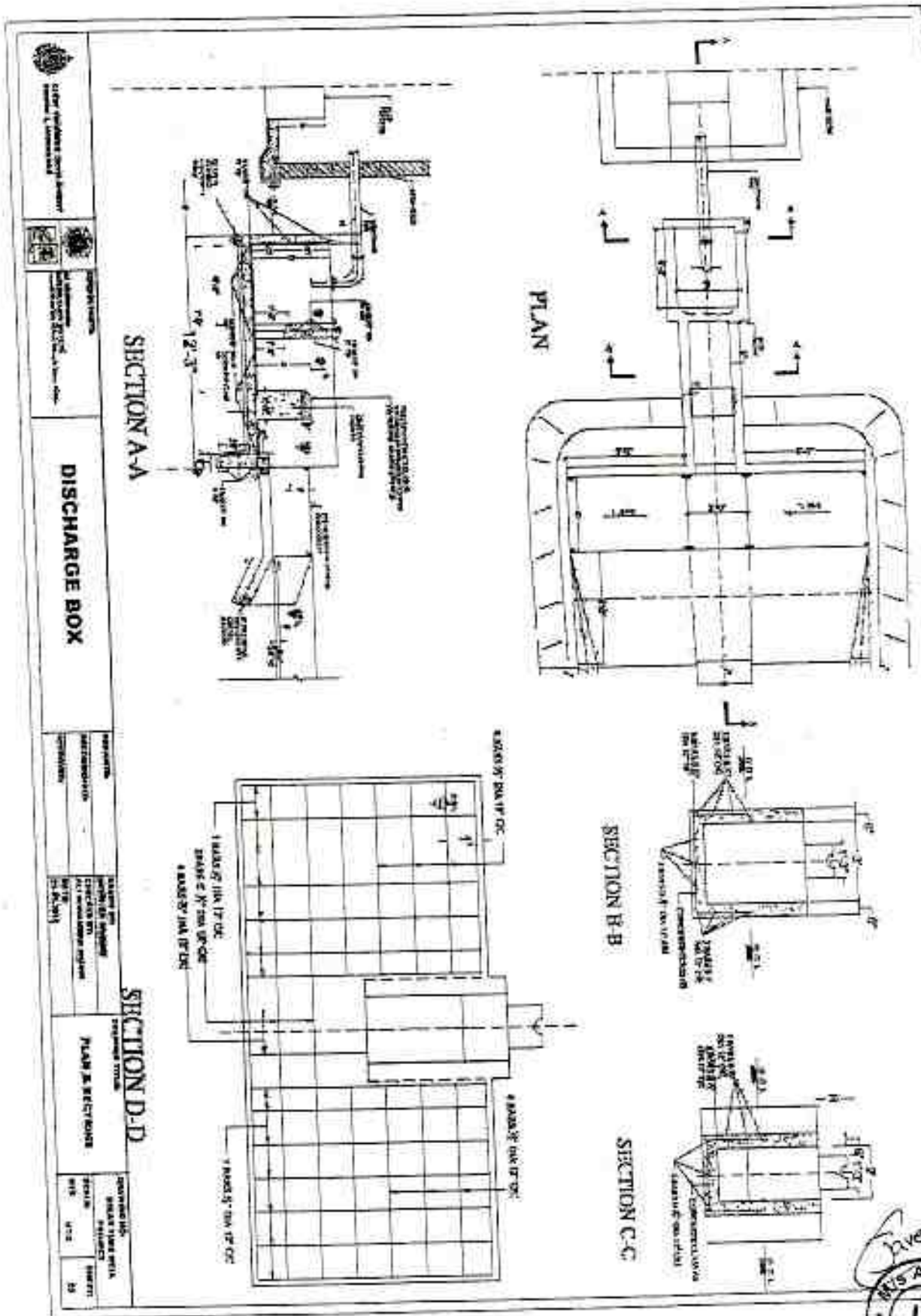
	PROJECT TITLE <b>PLAN FOR FENCING</b>	DRAWING NO. _____	DATE _____
	PROJECT NO. _____	SCALE _____	SHEET NO. _____
PROJECT LOCATION _____	PROJECT AREA _____	PROJECT STATUS _____	PROJECT VALUE _____
PROJECT OWNER _____	PROJECT MANAGER _____	PROJECT ENGINEER _____	PROJECT SUPERVISOR _____

**PROPOSAL-V**



Solar Tube well  
 Contract Package: TCP-SPPS-L.B.O.D/01

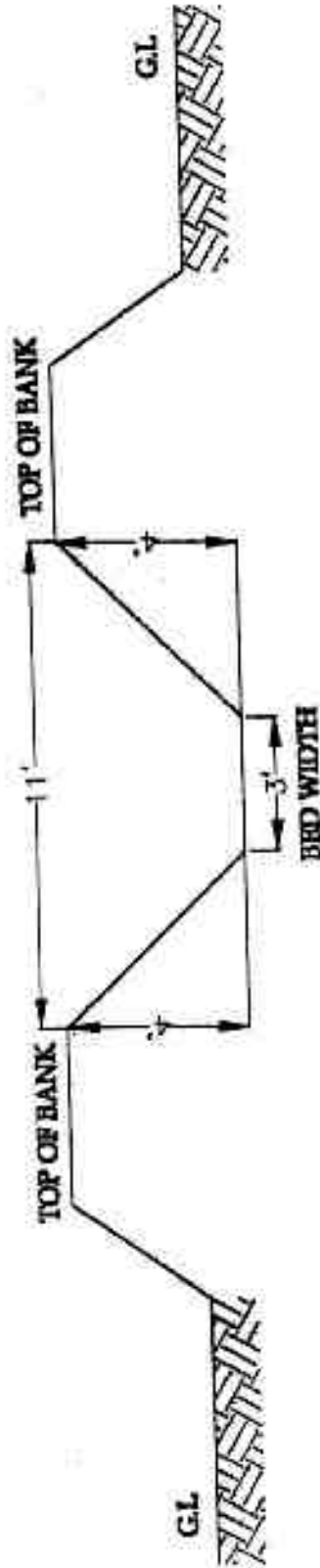
BORING & INSTALLATION OF 150 NOS TUBE WELLS ON  
 SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
 FOR TEAR COAL FROM LBOD SPICAL DRAIN RD-362



 GOVERNMENT OF INDIA MINISTRY OF WATER RESOURCES CENTRAL BOARD OF WATERWAYS NEW DELHI	 KARNATAKA GOVERNMENT DEPARTMENT OF WATER RESOURCES BANGALORE	 PROJECT NO. 12345 DATE: 12/12/2023	<b>DISCHARGE BOX</b>	DRAWN BY: [Name] CHECKED BY: [Name] DATE: [Date]
				SECTION D-D PLAN OF DISCHARGE BOX

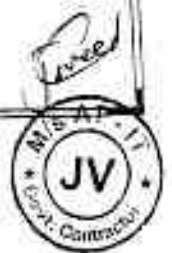


# KATCHA DISPOSAL CHANNEL



FOR 1500 RFT

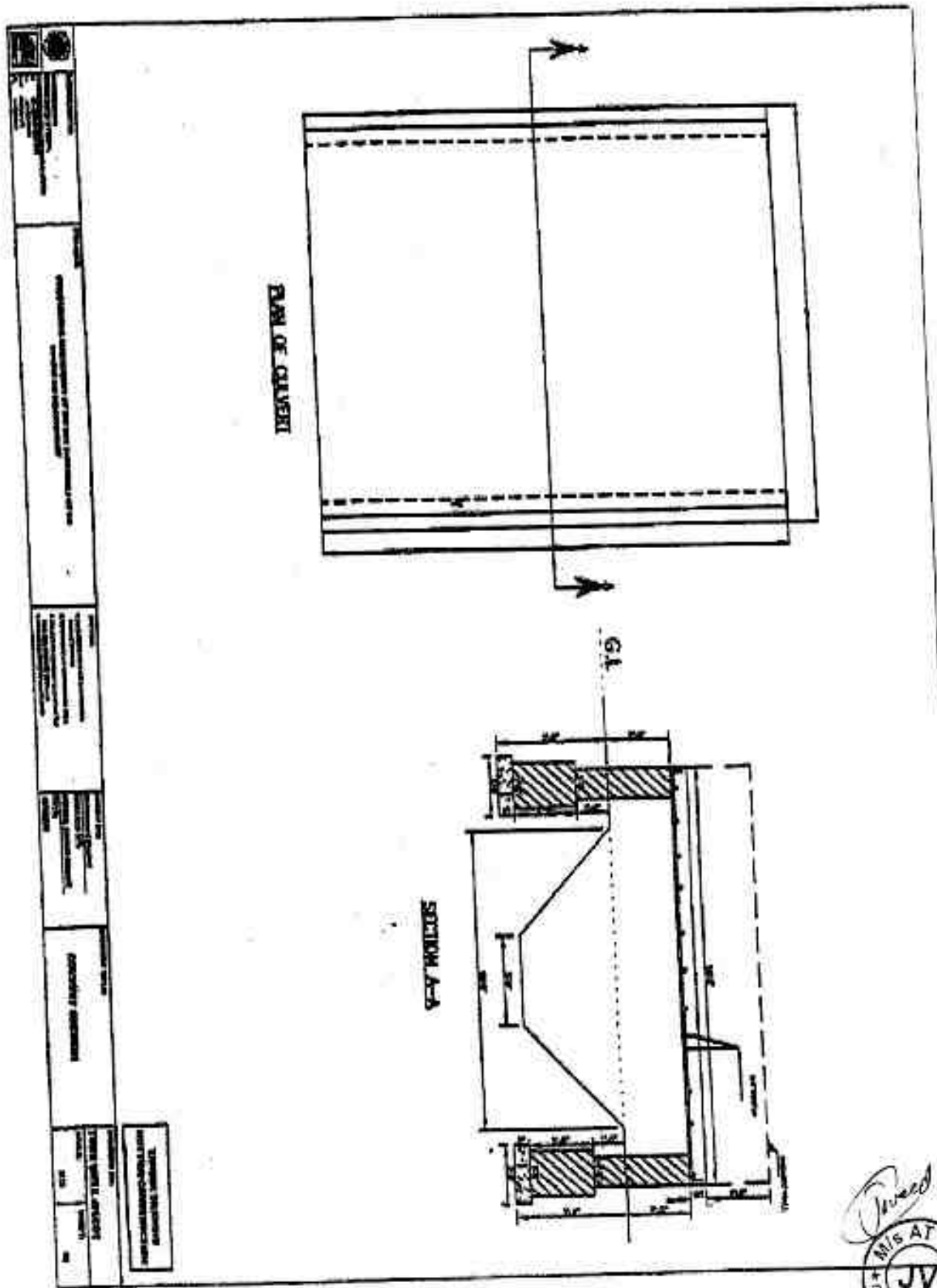
NOTE:- Increase & decrease length as per site requirement





Solar Tube well  
 Contract Package: TCP-SPPS-L.B.O.D/W1

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
 SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
 FOR TILAR COAL FROM LBOD SPINAL DRAIN RD-362



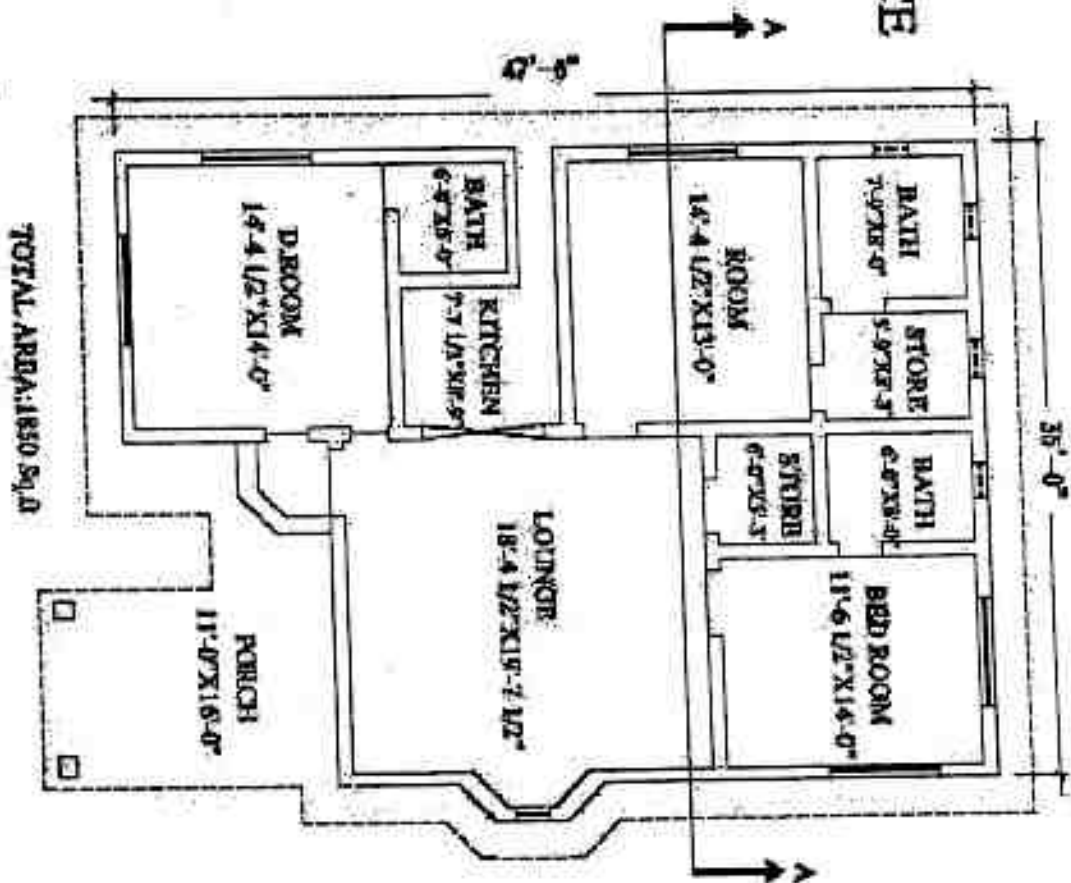
PROJECT TITLE BORING & INSTALLATION OF 250 NOS TUBE WELLS ON SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS FOR TILAR COAL FROM LBOD SPINAL DRAIN RD-362	
CONTRACT NO. TCP-SPPS-L.B.O.D/W1	
DRAWING NO. SP-12	
DATE 10/10/2011	
PROJECT LOCATION TILAR COAL FROM LBOD SPINAL DRAIN RD-362	
CONTRACTOR M/S AT JV	
DESIGNER [Signature]	
CHECKED BY [Signature]	
APPROVED BY [Signature]	



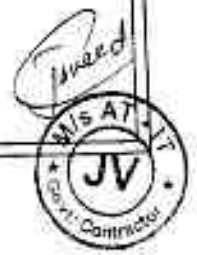
Solar Tube well  
Contract Package: TCP-SPPS-L.B.O.D/01

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR THAR COAL FROM LBOD SPINAL DRAIN RD-361

# PLAN OF A XEN OFFICE CUM RESIDENCE

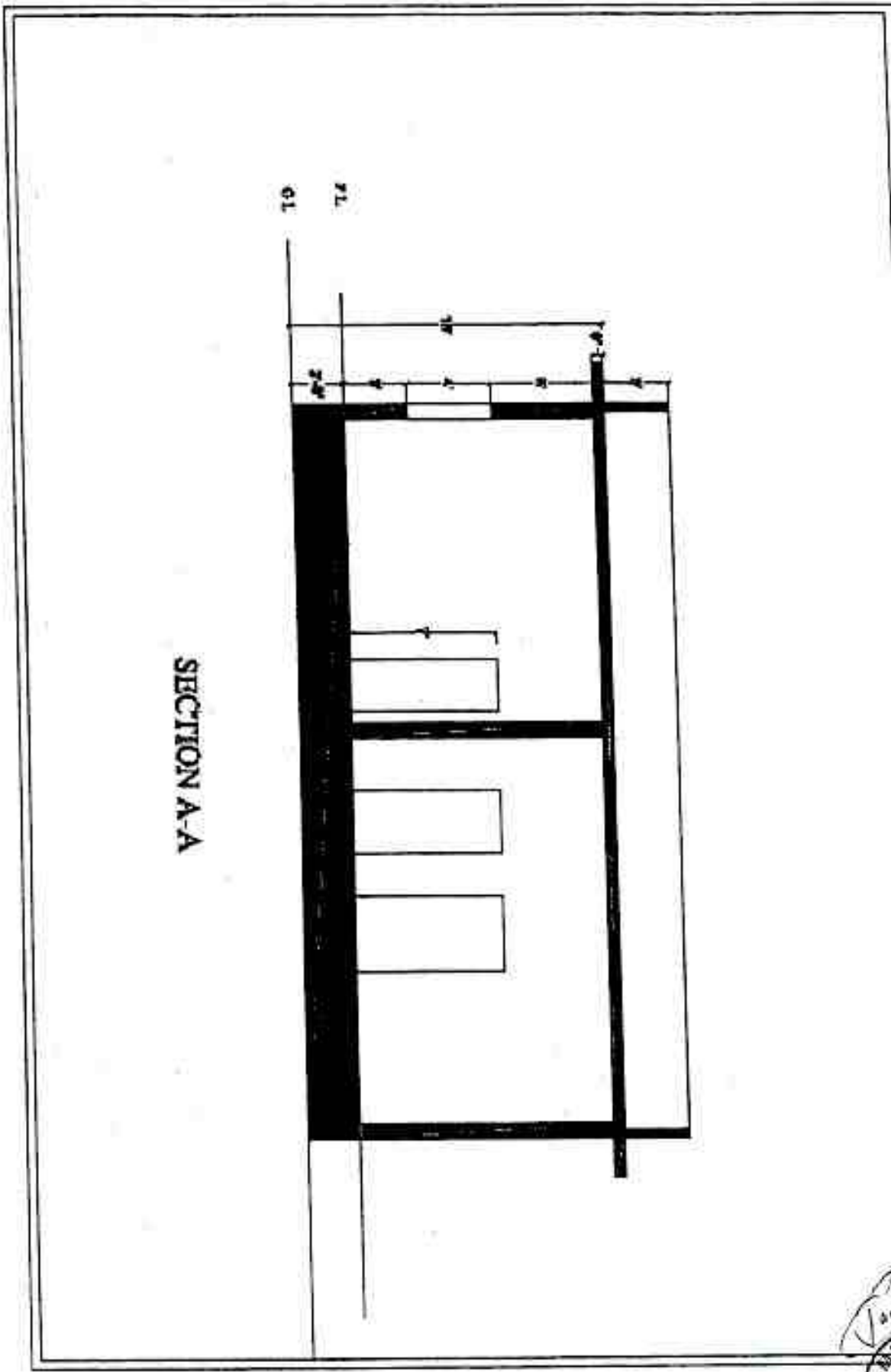


TOTAL AREA: 1850 Sq.m

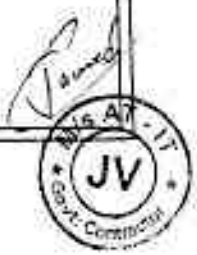


Solar Tube well  
Contract Package: TCP-SPPS-L.I.O.D/01

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR TEAR COAL FROM LBOD SPENAL DRAIN RD-361



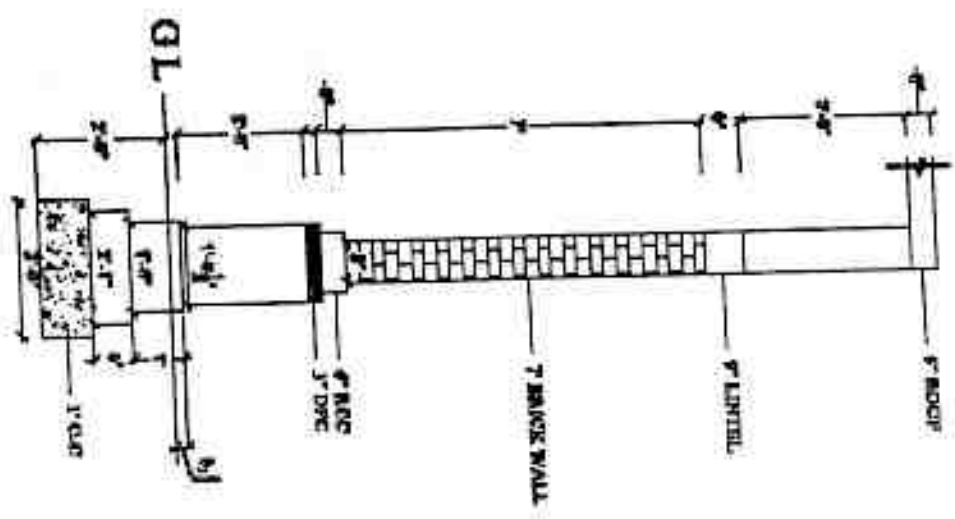
SECTION A-A



Solar Tube well  
Contract Package: TCP-SPPS-L.B.O.DW1

BORING & INSTALLATION OF 250 NOS TUBE WELLS ON  
SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS  
FOR TEAR COAL FROM LBOD SPINAL DRAIN RD-362

# SECTIONAL DETAIL



**OFFICE OF THE EXECUTIVE ENGINEER TUBEWELL**

**DIVISION MIRPURKHAS.**

BUNGLOW NO.A-41 BAGH BASHIR OPPOISITE TABLEGUE JAMMAT MURKUZ MIRPURKHAS,  
NO.TC/G-55/MPS/ 509 OF 2014, MIRPURKHAS, DATED 12/11/2014.

**LETTER OF AWARD.**

To,

M/S AT-IT (J.V).  
Shop No.1&2, Mengal Plaza,  
Opposite Becon House School,  
Qasimabad, Hyderabad.

**SUBJECT:- CIVIL AND STRUCTURAL WORK BORING & INSTALLATION OF 250 TUBE WELLS ON SOLAR ENERGY FOR ASSURED SUPPLY FOR POWER GENERATION UNIT.**

REF'NCE:- This office letter No.TC/G-66/ MPS/279 dated 09.10.2014.

Refer this office letter No. Cited above the lowest bid cost of Rs.439,491,691/-(Rupees Four hundred thirty nine Million & four hundred ninty one thousands six hundred ninty one ) only for the work "CIVIL AND STRUCTURAL WORK BORING & INSTALLATION OF 250 TUBE WELLS ON SOLAR ENERGY FOR ASSURED SUPPLY FOR POWER GENERATION UNIT." approved by the Chief Engineer Irrigation Development Region -II Hyderabad vide No.CEI/DEV-II/WB/1744 dated 23.09.2014.In compliance of Rule -50 of SPP Rule 2010 the Contract awarded to your Firm as lowest bidder.

You are hereby advised to observed all the codal formalities as per SPP Rules.

EXECUTIVE ENGINEER  
TUBEWELL DIVISION  
MIRPURKHAS

Copy forwarded with compliments to :-

- The Chief Engineer Irrigation Development Region-II Hyderabad.
- The Project Director Thar Coal Water Works Project Mirpurkhas.
- ✓The Manager CB Sindh Public Procurement Regulatory Authority Karachi.

EXECUTIVE ENGINEER  
TUBEWELL DIVISION  
MIRPURKHAS

7710  
13-11-14  
En file pl.  
u ref.  
13/11

**OFFICE OF THE EXECUTIVE ENGINEER TUBEWELL**

**DIVISION MIRPURKHAS.**

BUNGLOW NO.A-41 BAGH BASHIR OPPOISITE TABLEGUE JAMMAT MURKUZ MIRPURKHAS,  
NO.TC/G-55/MPS/ 510 OF 2014, MIRPURKHAS, DATED 12/11/2014.

**LETTER OF AWARD.**

To,

M/S PAKOASIS Pvt Ltd.  
Suite No.5 Ist Floor,  
Nadir Hue, I.I Chundrigar Road,  
Karachi

**SUBJECT:- MECHANICAL AND SOLAR WORK BORING & INSTALLATION OF 250 TUBE WELLS ON SOLAR ENERGY FOR ASSURED SUPPLY FOR POWER GENERATION UNIT.**

REF'NCE:- This office letter No.TC/G-66/ MPS/278 dated 09.10.2014.

Refer this office letter No. Cited above the lowest bid cost of Rs.1,597,400,000/-(Rupees One thousands five hundred ninty seven Million & four hundred thousands ) only for the work "MECHANICAL AND SOLAR WORK BORING & INSTALLATION OF 250 TUBE WELLS ON SOLAR ENERGY FOR ASSURED SUPPLY FOR POWER GENERATION UNIT." approved by the Chief Engineer Irrigation Development Region -II Hyderabad vide No.CEI/DEV-II/WB/1743 dated 23.09.2014.In compliance of Rule -50 of SPP Rule 2010 the Contract awarded to your Firm as lowest bidder.

You are hereby advised to observed all the codal formalities as per SPP Rules.

EXECUTIVE ENGINEER  
TUBEWELL DIVISION  
MIRPURKHAS

Copy forwarded with compliments to :-

- The Chief Engineer Irrigation Development Region-II Hyderabad.
- The Project Director Thar Coal Water Works Project Mirpurkhas.
- ✓ The Manager CB Sindh Public Procurement Regulatory Authority Karachi.

EXECUTIVE ENGINEER  
TUBEWELL DIVISION  
MIRPURKHAS

On file pl.  
MR&P.  
13-11-14.



NO. SO(R&S)/8-110/2014  
**GOVERNMENT OF SINDH**  
**IRRIGATION DEPARTMENT**

Karachi dated the 2<sup>nd</sup> October 2014

To,

✓  
The Manager (CB)  
Sindh Public Procurement Regulatory Authority,  
Government of Sindh,  
**KARACHI**

**SUBJECT: NIT No.TC/G-55/TWD/TWD/125/2014 dated 04.08.2014**

I am directed to refer to your letter No. Dir(CB)/SPPRA / 3-5(MPK) /13-14/4138 dated 22.09.2014 and this department letter No.SO(R&S)/8-110/2012-13 dated 10.03.2014 signed by Head of Department is hereby authenticated and confirmed (copy attached for ready reference).

The Irrigation Department stands by the reasons for "National Competitive Bidding" in lieu of "International competitive Bidding" furnished by the Chief Engineer Irrigation Development-II vide his letter No.CEI/DEV-II/WB/301 dated 06.03.2014 (copy attached for ready reference) for the specific work.

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

A copy forwarded for information to :

1. The Chief Engineer Irrigation, Development, Region-II, Hyderabad.
2. The Project Director Thar Coal Water Works Mirpurkhas.

PRA INWARD DIARY

6626

ED: 13-10-14

En file Today pl.

14/x

14/10/14



NO.SO(R&S)/8-110/2014  
**GOVERNMENT OF SINDH**  
**IRRIGATION DEPARTMENT**

Karachi dated the 10<sup>th</sup> March 2014

To,

The Chief Engineer,  
Irrigation Department Region-II,  
**HYDERABAD**

**SUBJECT: ADOPTION OF NATIONAL COMPETITIVE BIDDING FOR THE  
SCHEME BORING & INSTALLATION OF 250 NOS TUBE-  
WELLS ON SOLAR ENERGY FOR ASSURED SUPPLY OF 100  
CUSECS FOR THAR COAL FROM LBOD SPINAL DRAIN  
RD-362**

Reference: Your office letter No. No.CEI/DEV-II/WB/301 dated 06.03.2014

Based on information provided and your recommendations, the undersigned is pleased to accord approval for conducting "National Competitive Bidding" in lieu of "International Competitive Bidding" for the work of procurement of the scheme Boring & Installation of 250 Nos Tube-wells on Solar Energy for Assured Supply of 100 Cusecs for Thar Coal From LBOD Spinal Drain RD-362 in accordance to para 15(b)(iii) of Sindh Public Procurement Rules 2010.

It is further directed to strictly follow Sindh Public Procurement Rules in true letter and spirit.

o/c   
**(BABAR HUSSAIN EFFENDI)**  
**SECRETARY TO GOVERNMENT OF SINDH**

Copy to:-

The Manager (CB), Sindh Public Procurement Regulatory Authority,  
Government of Sindh Karachi



OFFICE OF THE CHIEF ENGINEER IRRIGATION DEVELOPMENT REGION-II HYDERABAD



No.CE/DFV-II/WB/ 301  
Hyderabad.  
Dated: 06/03/2014  
Office Ph: 022-2653612  
Fax No: 022-2653611

To,

✓  
The Secretary to Government of Sindh,  
Irrigation Department,  
Karachi.

Attention: Section Officer (R&S)

*put up*  
*Adham 8/3*  
*So (R&S)*  
SUBJECT: ADOPTION OF NATIONAL COMPETITIVE BIDDING FOR THE SCHEME BORING & INSTALLATION OF 250 NOS. TUBEWELLS ON SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362 PERMISSION OF THE. *not attached*

It is submitted that Project Director Thar Coal Water Work Mirpurkhas vide letter No. PD/TCWW/Asstt:/101 dated: 05-03-2014, (copy attached) has furnished the facts regarding adoption of National Competitive Bidding for subject Scheme as under.

i). That the world largest reservoir of Coal discovered in Islamkot two decade ago could not be drilled out merely due to non availability of water resources at Islamkot as such the Irrigation Department has been assigned the task to assure the uninterrupted availability of water round the clock under the scheme "**Boring & Installation of 250 Nos. Tubewells on Solar Energy for assured supply of 100 cusecs for Thar Coal from L.B.O.D Spinal Drain RD-362**". (ADP NO.677. 2013-14)

ii). That the subject work can economically be carried out / executed through easily available National Firms/ Bidders having adequate technical expertise and professional capabilities in the concerned filed for carrying out the subject work. Since the SPP Rules 2010 in terms of Rule 15 (b) (iii) also provide liberty to procuring agency to opt National Competitive Bidding which is reproduced as under.

A procuring agency may opt for **National Competitive Bidding** for procurements with an estimated cost equivalent to US \$ 10 million or above, where the procuring agency is convinced that it is the most economical and timely way of procuring goods, works or services which by their nature or scope are unlikely to attract foreign competition. Provided that the Head of the Department of the procuring agency, while making decision to opt for the National Competitive Bidding shall record reasons and justification for his decision.


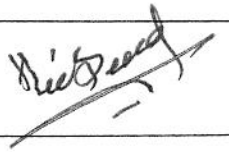
✓ It is pertinent to point out that the scheme has already been delayed, in order to save the time period and complete the work "National Competitive Bidding" has been preferred on one hand and to attract the National Bidders/Firms on other hand.

iii). That there is need to execute the subject scheme on war footing basis as the same has already been delayed abnormally with one or other reasons and keeping in view the larger National interest, it has been unanimously proposed to invite the Bidding under National Competitive Bidding in terms of relevant SPP Rules 2010.

It is therefore requested that considering in view the position explained above permission for adopting National Competitive Bidding may please be accorded in terms of Rule 15 (b) (iii) so that the concerned Project Director and Executive Engineer may proceed accordingly to complete the scheme in time in Nationwide interest

*(Signature)*  
(Ghulam Mustafa Dahri)  
Chief Engineer  
Irrigation Development Region-II

**INSTALLATION OF 250 NOS. SOLAR TUBEWELLS ON SOLAR ENERGY FOR  
THE ASSURED SUPPLY OF 100 CUSECS FOR THAR COAL GENERATION UNIT.  
TUBE WELL DIVISION, MIRPURKHAS.**


Sr. No.	Name	Signature
1.	Ghulam Mustafa Dabri	
2	Jawed Ahmed Mehmood.	
3	Hafiz Abdul Sattar	
4.	Abdul Salam D.A.O	
5	Jawed	
6	Mohammad Arif	
7	Zaid Hamid Pakistani Indus	
8	S. M. Raza Naqvi	
9	Fauz Ahmad Indus	
10	Waseem Ahmed Sohtu	
11.	Ahmed Hyder Sheikh.	


# BID OPENING REPORT.


Date of Opening 03-09-2014  
 Bid Receiving Time: 1:00 PM  
 Bid Opening Time: 3:00 PM


**Name of Work:** BORING AND INSTALLATION OF 250 NOS TUBE WELLS ON SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362


**PACKAGE NO. 01:-** Contract: TCP-SPPS-L.B.O.D, (Mechanical & Solar Work)

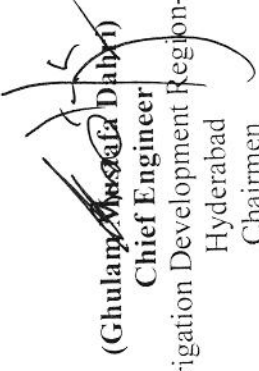
S.No	Name of Contractor / Firm	Estimate Cost	Bid Cost	Remarks
01	Pak Oasis		1,597,400,000/-	

  
**(Jawed Ahmed Memon),**  
**Project Director**  
 Thar Coal Water Works Project  
 Mirpurkhas  
 Member/Secretary

  
**(Hafiz Abdul Sattar Memon)**  
**Executive Engineer**  
 Tube Well Division, Mirpurkhas  
 Member

  
**(Afaqe Hyder Shah)**  
**Executive Engineer**  
 Provincial highway Division  
 Shaheed Benazirabad  
 Member

  
**(Abdul Sattar)**  
**Division Accounts Officer**  
 Water Carrier Works Division  
 Mirpurkhas  
 Member


  
**(Ghulam Mustafa Dahi)**  
**Chief Engineer**  
 Irrigation Development Region-II  
 Hyderabad  
 Chairmen

## BID EVALUATION REPORT


1. Name of Procuring Agency: Executive Engineer, Tube Well Division, Mirpurkhas
2. Tender Reference No. Letter No. TC/G-55/125 dated 04-08-2014.
3. Corrigendum. Letter No. TC/G-55/153 dated 22-08-2014.
4. Name of Work:- Boring & Installation of 250 Nos. Tube Well on Solar Energy for assured supply of 100 cusecs for Thar Coal from LBOD Spinal Drain RD-362.  
i) Contract SPPS-L.B.O.D (Mechanical & Solar Work).
5. Method of Procurement: Single Stage-One Envelope Procedure.
6. Tender Published:- Hoisted on SPPRA Website Sr. No. 21131 dated 07-08-2014.
7. Total Bid Documents Sold: - 5
8. Total Bid Received: - 2
9. Technical Bid Opening Date:- 03-09-2014
10. No. of Bid Technically Qualified:- 2
11. Bid(s) Rejected: - 0
12. Financial Bid Opening Date 03-09-2014
13. Evaluation.

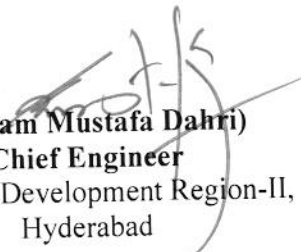
Sr. No.	Name of Firm / Bidder	Cost offered by the Bidder (M)	Ranking in term of Cost	Comparison with estimate cost	Reasons for acceptance / Rejection	Remarks
01	M/S PAK OASIS Pvt. Ltd	1597.400	1 <sup>ST</sup>	2.63%above	1 <sup>st</sup> Lowest hence accepted	

  
(Hariz Abdul Sattar Memon)  
Executive Engineer  
Tube Well Division  
Mirpurkhas  
Member

  
(Afaque Hyder Shah)  
Executive Engineer  
Provincial Highway Division  
Shaheed Benazirabad  
Member

  
(Abdul Sattar)  
Divisional Accounts Officer  
Water Carrier Works Division  
Mirpurkhas  
Member


  
(Jawed Ahmed Memon)  
Project Director  
Thar Coal Water Works Project  
Mirpurkhas  
Member/Secretary


  
(Ghulam Mustafa Dahri)  
Chief Engineer  
Irrigation Development Region-II,  
Hyderabad


## BID EVALUATION REPORT


1. Name of Procuring Agency: Executive Engineer, Tube Well Division, Mirpurkhas
2. Tender Reference No. Letter No. TC/G-55/125 dated 04-08-2014.
3. Corrigendum. Letter No. TC/G-55/153 dated 22-08-2014.
4. Name of Work:- Boring & Installation of 250 Nos. Tube Well on Solar Energy for assured supply of 100 cusecs for Thar Coal from LBOD Spinal Drain RD-362.  
ii) Contract SPPS-L.B.O.D (Civil & Structural Work).
5. Method of Procurement: Single Stage-One Envelope Procedure.
6. Tender Published:- Hoisted on SPPRA Website Sr. No. 21131 dated 07-08-2014.
7. Total Bid Documents Sold: - 5
8. Total Bid Received: - 1
9. Technical Bid Opening Date:- 03-09-2014
10. No. of Bid Technically Qualified:- 1
11. Bid(s) Rejected: - 0
12. Financial Bid Opening Date 03-09-2014
13. Evaluation.

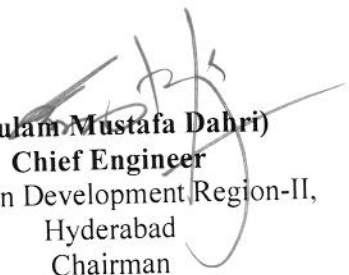
Sr. No.	Name of Firm / Bidder	Cost offered by the Bidder (M)	Ranking in term of Cost	Comparision with estimate cost	Reasons for acceptance / Rejection	Remarks
01	M/S AT-IT (J.V.)	439.491	1 <sup>ST</sup>	19.77%above	1 <sup>st</sup> Lowest hence accepted	
02	M/S AA-TE (J.V.)	495.569	2 <sup>nd</sup>	35.05%above		

  
(Hafiz Abdul Sattar Memon)  
Executive Engineer  
Tube Well Division  
Mirpurkhas  
Member

  
(Afaque Hyder Shah)  
Executive Engineer  
Provincial Highway Division  
Shaheed Benazirabad  
Member

  
(Abdul Sattar)  
Divisional Accounts Officer  
Water Carrier Works Division  
Mirpurkhas  
Member

  
(Jawed Ahmed Memon)  
Project Director  
Thar Coal Water Works Project  
Mirpurkhas  
Member/Secretary

  
(Ghulam Mustafa Dahri)  
Chief Engineer  
Irrigation Development Region-II,  
Hyderabad  
Chairman

PACKAGE NO. 01: -

**COMPARATIVE STATEMENT FOR THE WORK OF BORING & INSTALLATION OF 250 NOS. TUBEWELL ON SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362.**  
i) **TCP-SPPS-L.B.O.D (MECHANICAL & SOLAR WORK.**

Sr. No.	Name of Bidder	Bid Cost	Estimate Cost	Above Below %age	Remarks
01	M/S PAK OASIS Pvt. Ltd.	1,597,400,000	1,556,400,000	2.63% above	Lowest hence accepted

Submitted:

The Tenders for the above subject work invited from the prequalified Contractors/Firms vide this office letter No. TC/G-55/TWD/125 dated 04-08-2014 which hoisted on SPPRA Website Sr. No. 21131 dated 07-08-2014. The date of issue and opening is 03-09-2014 at 03:00 P.M. The one Contract has been come and participate in the Bidding among them **M/S PAK OASIS Pvt. Ltd.** has quoted his rates **2.63 %above** the estimate cost hence approval of Contract award. The competency to sanction the tender is Chief Engineer, Irrigation Development Region-II, Hyderabad. If approval the tender of the lowest Contractor may be prepared & sent to the Project Director, Thar Coal Water Works Project, Mirpurkhas for favour of check, sanction and early return for taking further necessary action.

  
**Divisional Accounts Officer**  
Water Carrier Works Division  
Mirpurkhas

  
**Executive Engineer**  
Tube Well Division  
Mirpurkhas

  
**Project Director**  
Thar Coal Water Works Project,  
Mirpurkhas


**PACKAGE NO. 02: - COMPARATIVE STATEMENT FOR THE WORK OF BORING & INSTALLATION OF 250 NOS. TUBEWELL ON SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362.**  
**ii) TCP-SPPS-L.B.O.D (CIVIL & STRUCTURAL WORK.**

Sr. No.	Name of Bidder	Bid Cost	Estimate Cost	Above Below %age	Remarks
01	M/S AT-IT (J.V.)	439,491,691	366,935,091	19.77%above	Lowest hence accepted
02	M/S AA-TE (J.V.)	495,569,101	366,935,091	35.05% above	

Submitted:

The Tenders for the above subject work invited from the prequalified Contractors/Firms vide this office letter No. TC/G-55/TWD/125 dated 04-08-2014 which hoisted on SPPRA Website Sr. No. 21131 dated 07-08-2014. The date of issue and opening is 03-09-2014 at 03:00 P.M. The one Contract has been come and participate in the Bidding among them **M/S AT-IT (J.V.)** has quoted his rates **19.77 %above** the estimate cost hence approval of Contract award. The competency to sanction the tender is Chief Engineer, Irrigation Development Region-II, Hyderabad. If approval the tender of the lowest Contractor may be prepared & sent to the Project Director, Thar Coal Water Works Project, Mirpurkhas for favour of check, sanction and early return for taking further necessary action.

  
**Divisional Accounts Officer**  
 Water Carrier Works Division  
 Mirpurkhas

  
**Executive Engineer**  
 Tube Well Division  
 Mirpurkhas

  
**Project Director**  
 Thar Coal Water Works Project,  
 Mirpurkhas


# BID OPENING REPORT.


Date of Opening 03-09-2014  
 Bid Receiving Time: 1:00 PM  
 Bid Opening Time: 3:00 PM


Name of Work: BORING AND INSTALLATION OF 250 NOS TUBE WELLS ON SOLAR ENERGY FOR ASSURED SUPPLY OF 100 CUSECS FOR THAR COAL FROM LBOD SPINAL DRAIN RD-362


PACKAGE NO. 02:- Contract: TCP-SPPS-L.B.O.D, (Civil & Structural Work)


S.No	Name of Contractor / Firm	Estimate Cost	Bid Cost	Remarks
01	M/S AA-TE (JV)		495,569,10/-	<i>Naved</i>
02	M/S AT-IT (JV)		439,491,691/-	<i>Navid</i>

  
 (Jawed Ahmed Memon)  
 Project Director  
 Thar Coal Water Works Project  
 Mirpurkhas  
 Member/Secretary

  
 (Hafiz Abddul Sattar Memon)  
 Executive Engineer  
 Tube Well Division, Mirpurkhas  
 Member

  
 (Afague Hyder Shah)  
 Executive Engineer  
 Provincial highway Division  
 Shaheed Benazirabad  
 Member

  
 (Abdul Sattar)  
 Division Accounts Officer  
 Water Carrier Works Division  
 Mirpurkhas  
 Member

  
 (Ghulam Mustafa Dakti)  
 Chief Engineer  
 Irrigation Development Region-II  
 Hyderabad  
 Chairmen