BIDDING DOCUMENTS FOR PROCUREMENT FROM (RATE CONTRACT TENDER)

PLANT AND MACHINERY

Installation of Solar Panel System (Complete \$olution) & Water Tank



SCHOOLS EDUCATION DEPARTMENT
DISTRICT SHAHEED BNAZIRABAD



Government of Sindh School Education Department Karachi, dated 30, 03, 2017

NOTIFICATION

No.SO(G-III)SED/RSU/SSB&SC/3-712/17(pt.1) In pursuance of Rule-7 of the Sindh Public assequement Rules,2010 (amended 2013), a Procurement Committee is hereby notified for the Repair & a mitenance, of existing nonfunctional Toilets & damaged Boundary Walls. Solar Panel (Complete solution) in Drinking Water Tanks for both Primary & secondary schools comprising following officers:

Vo.	Procurement Committee	Placement in committee
	District Education Officer (concerned)	Chairman
	XEN (concerned) Education Works School Education Department	Member Secretary
	Officer to be nominated by Commissioner/Deputy Commissioner	Member
	of the concerned Division/District	
	of the concerned Division/District immittee may Co-opt any other member in case needed including AFN	reoncerr

terms of Reference:

- 1) Preparing bidding documents:
- Carving out technical as well as financial evaluation of the bids;
- Preparing Evaluation Report as provided in SPPRA Rule 48;
- · Making recommendations for the award of contract to the competent authority; and
- Perform any other function ancillary and incidental to the above

-SECRETARY TO GOVERNMENT OF SINDII-

sa. SO(G-III)SED/RSU/SSB&SC/3-712/17(pt.1)

Karachi, dated 30.03, 2017

veopy is forwarded for information and necessary action to:

- the Commissioner concerned Division
- The Director School Education (Elementary, Secondary & Higher Secondary 1, Region concerned
- The Director School Education (Primary), Region concerned
- 11st Chief Lugineer-Education Works, School Education Department
- the Chief Program Manager-Reform Support Unit, School Education Deportment
- the Deputy Commissioner (All)
- Project Director -SID, School Education Department, Government of Sindl
- Superimendent Engineer (All) Education Works, School Education Department
- ricorbers of the Committee
- The PS to Secretary School Education Department, Government of Sindh
- the PS to Minister, Education & Literacy Department, Government of South
- Master File
 - uticial Website



ALI GUL JALBANI) SECTION OFFICER (G-III)



GOVERNMENT OF SINDH EDUCATION & LITERACY DEPARTMENT KARACHI, DATED 20-10-2016

NOTIFICATION

NO.SO(G-III)/SSB/CRC/RSU/2016-17: In pursuance of Rule 31 of the Sindh Public Procurement Rules, 2010 (Amended 2013) and in accordance with Guidelines for Procurement of goods & furniture under School Specific Budget, School Conso lidation and Reform Support Unit, a Complaint Redressal Committee comprising of following officers is constituted as under to resolve complaints of aggrieved bidders with following TORs:-

Director Schools Education, concerned
 A representative from Accountant General Sindh / Member
 District Accounts Office, Concerned
 An independent professional from the relevant field to be nominated
 Member

by the Director concerned

ToRs

- To perform according to Rules-31of SPPRA,2010 (Amended 2013);
- · Perform any other function ancillary and incidental to above

SECRETARY TO GOVT. OF SINDH KARACHI, DATED 20-10-2016

NO.SO(G-III)/SSB/CRC/RSU/2016-17:

Copy is forwarded for information & necessary action to:-

- The Accountant General Sindh, Karachi / District Accounts Office, concerned with request to nominate officer for above mentioned committee.
- 2. The Chairman/ Members of the committee
- The Chief Program Manager, Reform Support Unit, Education & Literacy Department, Govt. of Sindh
- 5. The District Education Officer (Primary), (ES & HS) (All)
- 6. The Deputy Commissioner (All)
- 7. Members of the Committee
- 8. The PS to Secretary Education & Literacy Department, Government of Sindh.
- 9. Taluka Education Officer (Primary), (ES & HS) (All)
- 10. Master File
- 11. Official Website

SINDH EDUCATION & LITERACY DEPARTMENT



(QASIMAKBAR NIMAK) SECTION OFFICER (G-III)

OFFICE OF THEDISTRICT EDUCATION OFFICER (ELEMENTARY / SECONDARY & HIGHER SECONDARY SHAHEED BENAZIR ABAD) (Sindh)

No: DEO/E.S.H.S/

/-(ADMN) OF 2016-17, Dated /13/4 /2017



Email: acbranch,doe@gmail.com Phone No: 0244-9370154 Mobile No: 0300-3050322

TENDER NOTICE

The Chairman Procurement Committee, District Education Officer (Elementary Secondary & Higher Secondary Shaheed Benazir Abad), invites sealed tenders for procurement of Plant & Machinery (Installation of Solar System (with Complete Solution) & Water Tank) for various schools of District Shaheed Benazir Aabd on Rate Contract Basis for whole year 2016-17, ended on 30th June 2017. List of schools are provided in the bidding document, as per single stage two envelop Procurement process of SPPRA rules:-

Sr. No	Description of Tender	Quantity/ Specification	Last Date and Time for Bid Submission	opening time of Technical Bid	opening time of Financial Bid
01	Procurement Plant & Machinery (Installation of Solar Penal System & Water Tank)	-do-	29.04.2017 11:00 AM	29.04.2017 12:00 Noon	02.05.2017 03:00 PM

Bidding document can be obtained on submission of a written application, upon payment of non-refundable fee of Rs. 1000/= (One Thousand Only) through Bank Draft/ Pay order in favor of District Education Officer Elementary Secondary & Higher Secondary Shaheed Benazir Abad, from below address on 9:00 am to 4:00 pm, after the publication of notice inviting till 28th, April 2017.

Bid should be submitted at the office of District Education Officer Elementary Secondary & Higher Secondary Shaheed Benazir Abad, on or before the last date and time of Bid of submission. Received bids shall be opened at the same address on the Bid date & time as mentioned above.

Bid Security of 2% of the Bid price must be accompanied by Financial proposal seal envelop pay order from any Bank in favor of District Education Officer Elementary Secondary & Higher Secondary Shaheed Benazir Abad.

Bids will not be accepted/considered/entertained in the following conditions:

- 1. Conditional and telegraphic bids/ tender.
- 2. Bids not accompanied by bid security of required amount and form.
- 3. Bids received after the specified date and time.
- 4. Bids of black listed firms.

The procuring agency reserves the rights to accept or reject any tender or to enhance the quantity. The cost of additional quantities of items shall not exceed 15% of the Original Contract amount, quantity subject to the relevant provision of SPPRA Rules 2010 (Amended 2013). No bids shall be entertained after the last bid submission date and time as mentioned above. The Tender Notice can also be downloaded from the SPPRA website: www.spprasindh.gov.pk

All applicable Government Taxes shall apply.

DISTRICT EDUCATION OFFICER
ELEMENTARY SECONDARY HIGHER
SECONDARY / CHAIRMAN
PROCUREMENT COMMITTEE
DISTRICT SHAHEED BENAZIR ABAD

OFFICE OF THEDISTRICT EDUCATION OFFICER (ELEMENTARY / SECONDARY & HIGHER SECONDARY SHAHEED BENAZIR ABAD) (Sindh)

No: DEO/E.S.H.S/

/-(ADMN) OF 2016-17, Dated /

/2017

Email: acbranch.doe@gmail.com Phone No: 0244-9370154 Mobile No: 0300-3050322

BIDDING DOCUMENTS FOR PROCUREMENT OF PLANT AND MACHINERY (INSTALLATION OF SOLAR SYSTEM COMPLETE SOLUTION AND WATER TANK

Cost of Tender Documents	Rs:- 1000/= One Thousand only Non-refundable
Tender Selling Date	14th April to 28th April 2017
Tender Submission Date and Time	29th April 2017 @ 11-00 am
Tender Submission Place	District Education Officer, Elementary / Secondary & Higher Secondary Shaheed Benazir Abad
Tender Opening Date and Time	29thApril 2017 @ 12-00 Noon
Tender Opening Place	District Education Officer, Elementary / Secondary & Higher Secondary Shaheed Benazir Abad

01-INSTRUCTIONS FOR PREPARATION OF BID

01.01	Bidder are required to comply with all the clauses mention in the Terms
	and conditions of the bid documents and any deviation will forexpel bid
	them from competing in the Tender

- O1.02 The quoted rates should be in Pak Rupees. Bid shall be valid for 60 days from the date of opening of bid. The bid shall be inclusive of the all applicable duties and taxes/ transportations etc, and all other expenses on free delivery to consignee's and at the school institutions as enclosed list throughout District.
- 01.03 Quoted price shall be in figures and words both, if discrepancies between two, prices quoted in words shall prevail
- 01.04 The bidders shall sign a rate contract for whole year 2016-2017, ended on 30th June 2017. However order shall be placed by the school/institutions as per their specific budget and policy of Education Department, Government of Sindh Karachi.
- O1.05 The Tender shall be submitted with all documents and sealed envelopes. Envelops must contain tender inquiry No. on the top. The name of bidder should be affixed on the face of the envelope on the left side. The bidder should prepare the tender in form of Technical and Financial proposals separately in accordance with rule 46 (2) SPPRA rule 2010, amended 2013. The envelope should be marked Technical Proposals and Financial Proposals in Bold and legible letters to avoid confusion. Envelops should be sealed and addressed to the Chairman District Procurement Committee, District Shaheed Benazir Abad and submitted in tender box on the scheduled date and time
- 01.06 Any alteration / correction must be initiated and each page is to be signed and stamp at the bottom
- 01.07 The Schedule is prepared with the generic name however the bidder may also mention the brand name against the generic name
- 01.08 Items have to be quoted duly filled stamped and signed by the authorized bidder

- 01.08 Items have to be quoted duly filled stamped and signed by the authorized bidder
- **Note:** No tender will be accepted after closing of the Tender Box, what so ever reason may be.

02-Technical proposal should have the following documents

- 02-01 Original tender receipt
- 02-02 Photocopy of pay Order / demand draft of earnest money in which should not be readable otherwise the bid ignored.
- 02-03 NTN / Income Certificate
- 02-04 Professional Tax Certificate
- 02-05 GST Registration Certificate, if applicable
- 02-06 SRB Sindh Revenue Board
- 02-07 Bidder should submit documentary evidence that can perform over all business of more than / equal to Rs:-20.00 Million, which is mandatory requirement otherwise bid will be rejected

03-Financial proposals should have the following documents

- 03-01 Original pay order / Bank draft of earnest money
- 03-02 Original copy bid offer with quoted price
- Only those items financially offer will be announced / considered which are technically qualified by the formulary committee. If any firm was to give the separate item wise financial bid, they are advice to give separate item wise sealed envelope (s) of every item and should mention the name item and tender Sr. No. on the front in the bold and legible letter to avoid the confusion. Else the financial proposal envelops will be opened on qualified items basis and it will not be challenged by the suppliers / contractors to open the financial proposals of the Dis-qualified items.
- 03-04 In case the rates of two or more bidders found equal, all will be accepted on equal sharing basis.

04 TERMS AND CONDITIONS OF CONTRACT

- 04-01 The Successful bidder shall submitted 5% of contract amount as performance security in shape of Call deposit or in payment order.
- 04-02 The Successful bidder shall sign the **District Level Rate Contract agreement** with the Department of Education on Judicial Stamp paper of Rs: 100/- as per approved format and the work/supply order will be issued by the respective Drawing & Disbursement Officers (DDOs) of District Shaheed Benazir Abad.
- 04-03 The Rate Contractor, shall affix 0.30% stamp duty. The Income Tax GST or any other payable tax shall be deducted from the bills of Contractors / suppliers
- 04-04 If the contractor / supplier requires Tax exemption facility regarding non deduction of advance income tax, the exemption certificate issued by the concerned authority must be attached and on C.I.F basis a copy of entry and Tax paid Challan copy should be attached with the bill
- 04-05 The Supplies shall be in commercial pack delivered at the school institutions throughout District Shaheed Benazir Abad by the authorized representative of the Firm at the risk and cost of the

suppliers. Any breakage or shortage of the stock will be recovered from the supplier

05- DELIVERY

05-01 The required stores or required in 30 calendar days

06- LIQUIDATED DAMAGES

06-01 The Liquidated / Damage in the event of completion beyond the given schedule, shall be 0.1% each day of delay from the targeted period

07- REDRESSAL

07-01 Redressal of grievances and settlement of dispute will be as per SSPRA Rule 2010, amended 2013

08- UNDERTAKING ON RS:-100/- ON JUDICIAL STAMP PAPER

08.1	I / we read / understand the specified in the tender inquiry and undertake:-
08.02	That I / we will remain bound to supply any item as an additional quantity at the same rate on which said item I / we have supplied during the contract period
08.03	That I / we agree whether our tender for total out tender accepted for total/ partial or enhanced quantity for all or any single item
08.04	I / we also agree to supply and accept the said item at the rate for the supply of Contracted within the stipulated period shown in the contract
08.05	I / we understand and ensure for the supply of quality goods. I / we also agree to supply of 100% additional quantity without any additional charges, If the supplies / part of the supplies declared sub standard
08.06	I / we undertake that if any of the information submitted in accordance to this Tender inquiry found incorrect, our contract may be cancelled at any stage on our cost and risk
08.07	I / we undertake to deposit the goods testing fees per item to the District Level Committee, the said fees will be deposited directly to POL/CDL, if the assignment given to the said committee
08.09	I / we undertake that / I / we will replace the goods
08.10	I / we undertake that I / w have never been black listed
08.11	I / we also agree supply the 100% additional quantity without any additional charges
08.12	The Bidder also to provide the Technical specification and broacher of the Each Item
08.13	The DDO / Bidder after passing out the bills, the payment is reserved in shape of pay order or bank draft, till the delivery is over.

 01. Name in Full

 02. Name in Full

Signature _______

Bid Data Sheet

The following specification for the goods to be procured shall complement, supplementary amend the provisions in the Instructions to Bidders (ITB) Part One. Whenever the reis a conflict, the provisions here in shall prevail over those in ITB.

[Instructions for completing the Bid Data Sheet are provided, as needed, in the note sin italics mentioned for the relevant ITB Clauses.]

	Introduction
01 1.1	DISTRICT Education OFFICER Elementary Secondary SHAHEED BENAZII
01	Name of Contract/ Project. Procurement of Schools [Installation of Solar System (with Complete Solution)& Water Tank] Items for Middle, Elementary, Secondary & Higher secondary, schools of District Shaheed Benazir Abad under Missing facility (Plant & Machinery) 2016-17 [Shaheed Benazirabad Region.
03	Language of the bid. English

	Bid Price and Currency	
04	The price quoted shall be Fixed along with DDP.	
05	The price shall be fixed and will not be negotiated onc	e finalized.

	Preparation and Submission of Bids
06	Qualification requirements as per criteria mentioned.
07	Amount of bid security. 2%of Total Bid Price.
08	Bid validity period. 60(Sixty) Days
09	Number of copies. One Original along with one photocopy.
10	IFB title and number procurement of installation of Solar System with Complete
11	Dead line for bid submission is [29 th APRIL 2017 at 11:00 am
12	Time, date, and place for bid opening is 12-:00 Noon on [29 th April 2017, at The Office of the District Education Elementary Secondary Higher Secondary Shaheed Benazir Abad [Region Shaheed Benazirabad Region Phone No.

	Bid Evaluation	
13- a	Criteria for bid evaluation. As per criteria attached.	

13- b	Or
	Adjustment expressed in an amount in the currency of Bid evaluation Or
13-с	Adjustment expressed is a percentage
14	Deviation in payment schedule. N/A
15	Cost of spare parts. N/A
16	spare parts and after sales services facilities in the procuring Agency's country N/A
17	Factors for calculation of the life cycle cost: (i) number of years for life cycle [it is recommended that the life cycle period should not exceed the usual period before a planned major overhaul of the goods]; N/A (ii) operating costs [e.g., fueland/orotherinput, unitcost, and annual and requirements]; N/A (iii) maintenance costs [e.g. spare parts—with out duplication of above Clause 25.4(d) requirements—and/or other inputs]; N/A and (iv) rate, as a percentage, to be used to discount under(ii) and(iii) above to present value .N/A or Reference to the methodology specified in the Technical Specifications or else wherein the bidding documents. [The contractual liquidated damages specified in the SCC shall behigher than the evaluation advantage.]
18	Performance and productivity of equipment. 15% of the award contract price
19	Delivery Schedule with 30 Days after award contract and District Procurement Committee / District Shaheed Benazir Abad, Constitute, District Inspection and Technical Committee Relevant Parameter in accordance with option selected. Adjustment as a percentage
20	Details on the evaluation method or reference to the Technical Specifications.
21	Specify the evaluation factors. As mentioned evaluation criteria
	Contract Award
22	Percentage of increase or decrease 15 % Bid Value.

Evaluation Criteria

	The Technical Bids Shall be Eval	uated or	the bas	sis of following Parameters
Sr#	Evaluation Parameters			Brief
	Company / Firm / Inc Information	dividual	Total Marks	
	Required Field	Marks		
	No. of years in Business	10		02 Marks for each year ir business Max (10)
	Annual Turnover in Million	15		0.75 Marks per Millior turnover Max (15)
01	NTN Registration Certificate	10	45	10 Marks firm have NTN Certificate
	• Sales Tax Registration Certificate	10		10 Marks firm with register and Sale Tax
02	Technical Proposal Specification and Brochures	10	10	10 Marks if firm provide complete details specification and brochures provide supplied item which are quoted
	Financial Capabilities			
03	Income Tax Annual Return 3 Years	09		3 Marks production of each year Income Tax return Max (09)
	Audited Financial Statement 3 Years	06	25	2 Marks production of Financial Audit Statement each year Max (06)
	Monthly Sale Tax Summary of last 10 Months	10		1 Marks production of each month Sale Tax return Max (10)
	Relevant Fields Experience	20	20	4 Marks for each similar complete assignment documentation proof Max (05)

Note: firm must get 65% Marks in Technical Evaluation for qualifying as per above mention Criteria

SPECIMEN FOR AUTHORIZATION LETTER BY MANUFACTURER / IMPORTER FOR THEIR DISTRIBUTER

I / we M/s		hereby authorize
M/s	Address	as
our authorized Distributor, Education Departm	nent, District Shaheed Bena	azir Abad,
We give undertaking that if there is any	sub-standard spurious, co	ounterfeit, misbranded or
contaminated and short supply of item (s) by	our Distributor, we will be	e responsible for the same,
we also undertake that we have rad and unders	stood the terms and conditi	ons of the tender enquiry
Signature of Manufacturer / Importer		
Name and Designation		
Address		_
Note:- All the above said instruction must be	read carefully for complia	ance: else the offer will be
ignored		
Department reserves the right to ask and ver	ify any document from the	e participants related with
manufacturer / importer of item, to assess the o	quality	

BIDDING DOCUMENTS FOR PROCUREMENT FROM (RATE CONTRACT TENDER)

FINANCIAL PROPOSAL

Installation of Solar Panel System (Complete Solution) & Water Tank



SCHOOLS EDUCATION DEPARTMENT
DISTRICT SHAHEED BNAZIRABAD

2. Bid Security Form

Whereas [name of the Bidder] (Hereinafter called "the Bidder") has submitted its bid dated [date of submission of the goods] Bid").
KNOW ALL PEOPLE by these presents that WE [name of bank] of [name of country], having of registered office at [address of bank] (hereinafter called "the Bank"), are bound unto [name Procuring agency] (hereinafter called "the Procuring agency") in the sum of for which payment well and truly to be made to the said Procuring agency, the Bank binds itself, its successor and assigns by these presents. Sealed with the Common Seal of the said Bank this date of 19
THE CONDITIONS of this obligation are:
Part Two - Section VII. Eligibility for the Provision of Goods, Works and Services in Bank Financed Procurement
 If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
 If the Bidder, having been notified of the acceptance of its Bid by the Procuring agenc during the period of bid validity:
 (a) fails or refuses to execute the Contract Form, if required; or (b) fails or refuses to furnish the performance security, in accordance with the Instructions to Bidders;
we undertake to pay to the Procuring agency up to the above amount upon receipt of its first written demand, without the Procuring agency having to substantiate its demand, provided that in its demand the Procuring agency will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurrence condition or conditions.
This guarantee will remain in force up to and including twenty eight (28) days after the period of bid validity, and any demand in respect thereof should reach the Bank not later than the above date.
[signature of the bank]

3. Contract Form

Procur the or	AGREEMENT made the day ing Agency] of [country of Procuring agency] he part and [name of Supplier] of [city agency] of the other part:	(hereinafter called "the	
[brief a	REAS the Procuring agency invited bids description of goods and services] and has accurate goods and services in the sum of [contract of the contract Price").	cepted a bid by the Su	pplier for the supply of
NOW	THIS AGREEMENT WITNESSETH AS	S FOLLOWS:	
l. respec	In this Agreement words and express tively assigned to them in the Conditions	A CONTRACT OF THE CONTRACT OF	
(a) (b) (c) (d) (e) (f) 3. as her	The following documents shall be deen Agreement, viz.: the Bid Form and the Price Schedule suithe Schedule of Requirements; the Technical Specifications; the General Conditions of Contract; the Special Conditions of Contract; and the Procuring agency's Notification of A In consideration of the payments to be reinafter mentioned, the Supplier herebe the goods and services and to remedy the provisions of the Contract	homitted by the Bidder; Award. made by the Procuring by covenants with the	agency to the Supplier Procuring agency to
or sucl	The Procuring agency hereby covenant ion of the goods and services and the remother sum as may become payable unother manner prescribed by the contract.	nedying of defects the	rein, the Contract Price
	TNESS whereof the parties hereto have cance with their respective laws the day ar		
Signed agency	, sealed, delivered by	the	(for the Procuring
Signed	, sealed, delivered by	the	(for the Supplier)

5. Bank Guarantee for Advance Payment

To: [name of procuring agency]
[Name of Contract]
Gentlemen and/or Ladies:
In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause 16 of the General Conditions of Contract to provide for advance payment, [name and address of Supplier] (hereinafter called "the Supplier") shall deposit with the Procuring agency a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of [amount of guarantee in figures and words].
We, the [bank or financial institution], as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surely merely, the payment to the Procuring agency on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding [amount of guarantee in figures And words].
We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between the Procuring agency and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.
This guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until [date].
Yours truly,
Signature and seal of the Guarantors
[name of bank or financial institution]
[address]
[date]

6. Manufacturer's Authorization Form

[See Clause 13.3 (a) of the Instructions to Bidders.]

To: [name of the Procuring agency]

WHEREAS [name of the Manufacturer] who are established and reputable manufacturers of [Name and/or description of the goods] having factories at [address of factory]

Do hereby authorize [name and address of Agent] to submit a bid, and subsequently negotiate and sign the Contract with you against IFB No. [Reference of the Invitation to Bid] for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

[Signature for and on behalf of Manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.

Price Schedule in Pak. Rupees

Name of Bidder	. IFB Number	. Page of

2	3	4	5	6	7
Description	Country of origin	Quantity	Unit price DDP named place	Total DDP per item	Unit price of Delivered duty paid (DDP) to final destination plus price of other incidental services if required ³
		Description Country of	Description Country of Quantity	Description Country of Quantity Unit price DDP	Description Country of Quantity Unit price DDP Total DDP

Signature of Bidder	

Note: In case of discrepancy between unit price and total, the unit price shall prevail.

³ Must be included if required under ITB 11.2

Sr. No.	Item with Specification	Quantity	Offered Rate	Amount
1	Solar Panel Solar Panel /Solution 5 KV 500 w Panel mounting solar panel with installation. Supports: Galvanized Roof Supported, steel frame size and thickness as per Solar Panels.	150	2,320,72	
2	Solar Panel Solar Panel /Solution 3 KV 300 w Panel mounting solar panel with installation. Galvanized Roof Supported, steel frame size and thickness as per Solar Panels alongwith inlet and outlet pipeline fitting with upvc pipe as per site requirement.	150		
3	Celling Solar Fan 12 volt 56"	250		
4	Tube Light (LED) 20w	250		
4	Solar Wire 12volt Veeto	100		
5	Solar points	250		
6	Solar Motor 0.5 h/power 12 volt	51		
7	Boring for Water supply with upvc pipe p/job	51		
8	Drinking Water 200 Gallon Plastic water tank length 48" width 33" & two nozzle with iron stand alongwith inlet and outlet pipeline fitting with upvc pipe as per site requirement.	25		
9	Drinking Water 100 Gallon Plastic water tank length 36" width 24" & two nozzle with iron stand	26		

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