

Guideline for Installation of Shallow Tube Well (STW) with Diesel Pump-set / Electrical Pump-set / Solar PV powered Pump-set under RIDF, 2016-17. (Revised on _____)

A. Introduction :-		
Govt. Of Assam accorded sanction for installation of STW under Projects – “Installation of 1 Lakh Shallow Tube Well” and “1000 Solar PV Powered STW” under RIDF commencing from 2016-17. The Directorate of Agriculture will finalise the District wise allotment of the STW and circulate the allotment based on Assessment of Dynamic Ground Water Resources of Assam State prepared by the Central Ground Water Board and feasibility.		
B. Admissible Subsidy & Eligibility criteria :-		
a) Small or Marginal individual farmer having minimum 2 Hac, cultivable agricultural land.		
b) Group of farmers like ASG, SHG, PPS, JLG or any other registered group consisting of minimum 3 (three) members having at least 2 Hac, cultivable agricultural land.		
c) In case of component having cluster provision, the area of cultivable land shall be multiple of 2 Hac of the numbers of STW proposed and the total area must be a contiguous cultivable agricultural land.		
d) Provision of components wise admissible subsidy and eligibility criteria are as follows –		
Provision of components	Admissible Subsidy	Eligibility Criteria
1. STW with Diesel Pump-set		
STW with diesel operated centrifugal Pump-set (4HP-5HP) up to maximum depth of 45 meter	50% of the total project cost* subject to maximum limit of Rs.31,890/=	Individual farmer/ Group of farmers having minimum 2 hac (15 bigha) cultivable land.
2 STW with Electrical Pump-set		
(a) STW with Electrical Centrifugal Pump-set (2HP) up to maximum depth of 45 meter	50% of the total project cost* subject to maximum limit of Rs.22,515/=	Individual farmer/ Group of farmers having minimum 2 hac (15 bigha) cultivable land having grid connection.
(b) STW with Electrical Submersible Pump-set (1.5 to 2HP) up to maximum depth of 60meter	50% of the total project cost* subject to maximum limit of Rs.42,897/=	
(c) STW with Electrical Pump-set on cluster basis with 25 KVA Sub-station		Group of farmers having minimum 20 hac (150 bigha) cultivable land in cluster for exactly 10 Nos. of STW with a resolution from participants. (Premium of Rs.2,500/= (Two Thousand Five Hundred only) against each STW in the form of NSC/ FD to be drawn in favour of self)
(I) Up to maximum depth of 45 meter.	(I) 50% of the total project cost* subject to maximum limit of Rs.22,515/= and Construction of Power Sub Station up to maximum limit of Rs.2,21,553/=	
(II) Up to maximum depth of 60meter with provision of Submersible Pump-set.	(II) 50% of the total project cost* subject to maximum limit of Rs.42,897/= and Construction of Power Sub Station up to maximum limit of Rs.2,21,553/=	
	(III) 3 Phase 11 KV Line with PSC Pole & ACSR Raccoon Conductor connection up to 1Km. from the last point of existing electrical power sources/ newly installed sub-station up to maximum limit of Rs.7,80,235/= applicable for (I) & (II) above	
(d) STW with Electrical Pump-set on cluster basis with 63 KVA substation		Group of farmers having minimum 60 hac (450 bigha) cultivable land in cluster for exactly 30 Nos. of

	(I) Up to maximum depth of 45 meter.	(I) 50% of the total project cost* subject to maximum limit of Rs.22,515/= and Construction of Power Sub Station up to maximum limit of Rs.2,75,353/=	STW with a resolution from participants. (Premium of Rs.2,500/= (Two Thousand Five Hundred only) against each STW in the form of NSC/ FD to be drawn in favour of self)
	(II) Up to maximum depth of 60meter with provision of Submersible Pump-set.	(II) 50% of the total project cost* subject to maximum limit of Rs.42,897/= and Construction of Power Sub Station up to maximum limit of Rs.2,75,353/=	
		(III) 3 Phase 11 KV Line with PSC Pole & ACSR Raccoon Conductor connection up to 1Km. from the last point of existing electrical power sources/ newly installed sub-station up to maximum limit of Rs.7,80,235/= applicable for (I) & (II) above	
3.	STW with Solar PV powered Pump-set		
(a)	STW with Solar Operated surface Pump-set (1HP) up to maximum depth of 45 meter including 5000Litre capacity storage tank	50% of the cost of STW** and 85% of the cost of Solar pumping system# and storage tank subject to maximum limit of Rs.2,58,390/=	Individual farmer/ Group of farmers having minimum 2 hac (15 bigha) cultivable land (Premium of Rs.10,000/= (Ten thousand only) against each STW in the form of NSC/ FD to be drawn in favour of self)
(b)	STW with Solar Operated surface Pump-set (2HP) up to maximum depth of 45 meter including 10000Litre capacity storage tank	50% of the cost of STW** and 85% of the cost of Solar pumping system# and storage tank subject to maximum limit of Rs.3,43,075/=	
(c)	STW with Solar operated Submersible Pump-set (2HP) up to maximum depth of 60meter including 10000Litre capacity storage tank	50% of the cost of STW** and 85% of the cost of Solar pumping system# and storage tank subject to maximum limit of Rs.4,62,660/=	
	<p>* The total project cost = (cost of STW civil work as per approved estimate based on actual boring depth measured) + (cost of Diesel or Electrical Pump-set as per quoted price in the GOI Portal: www.farmer.gov.in)</p> <p>**Total cost of STW = cost of STW civil work as per approved estimate based on actual boring depth measured</p> <p># Cost of Solar PV pumping system = cost of Solar PV Pumping system including Installation and commissioning as per laid down technical specification and T&C and Departmental approved price.</p>		
C.	Application process :-		
	The application form (Annexure-I) for STW will be made available in the office of the DAO / EE(A) / AEE(A) / SDAO of the Districts where from it may be collected. Application form shall also be uploaded in the web site www.rkvyassam.in . Information shall also be published in local newspapers for awareness amongst the farmers.		
	Interested Farmers may submit duly filled application form along with supporting documents to the EE(A) / AEE(A) through Agril. Extension Assistant and ADO concerned. ADO, AAE, JE or Agril. Extension Assistant of Agriculture Department will assist the farmers, if required, in filling up the form.		
	The farmers applied for STW with Solar PV powered Pump-set have to deposit a premium amount of Rs.10,000/= and for STW with Electrical Pump-set on cluster basis with 25 KVA or 63 KVA sub-station have to deposit a premium amount of Rs.2,500/- each along with the application in the form of term deposit viz. NSC/FD, drawn and pledged in favour of EE(A) / AEE(A) of the concerned district. The term deposit shall be released on satisfactory installation of the system. The EE(A) / AEE(A) will maintain proper record of receipt of premium amount in a separate register.		
	The power drawn from the 25 KVA or 63 KVA sub-station by the cluster shall be utilised exclusively for		

	Agriculture purpose only. No diversion of power or used otherwise shall be permitted.	
D.	Selection of Beneficiaries :-	
	The EE(A) / AEE(A) and DAO will arrange to score the applications (Annexure-I-A) and prepare a list of beneficiaries along with their score and place the same before the District Level Selection Committee (DLSC) . The DLSC will select the list of beneficiaries eligible for availing subsidy for installation of STW under RIDF.	
E.	District Level Selection Committee (DLSC) :-	
	A District Level Selection Committee (DLSC) comprising the following members shall be constituted –	
	1) Deputy Commissioner (DC) or his representative not below the rank of ADC	Chairman
	2) CEO, Zila Parisad or his representative	Member
	3) Executive Engineer (Agri) / Asstt. Executive Engineer (Agri) in case district have no EE(A)	Member Secretary
	4) Lead Bank Manager of the district	Member
	5) District Agricultural Officer	Member
	6) District Development Manager NABARD	Member
	7) (a) One progressive farmer to be nominated by the MLA of each constituency of the District (b) Two progressive farmers (one male & one female) from the District to be nominated by the Deputy Commissioner.	Member
	The DLSC will be notified by the Deputy Commissioner of respective district. The list of the selected beneficiaries will be displayed in the Notice Board of the office of the DAO, EE(A), AEE(A), SDAO of the district and also upload in the website www.rkvyassam.in . along with minutes of the DLSC meeting.	
F.	Procurement & Installation :-	
	Executive Engineer (Agri) on receipt of approved list from DLSC would issue a Sanction Order (Annexure-II) in favour of the selected beneficiary after obtaining an Undertaking {Annexure-III (A) or III (B) or III (C)} in non judicial stamp paper of Rs.10/= from the beneficiary and instruct the beneficiary to proceed for installation of the STW.	
	Prior to installation of STW, the EE(A) / AEE(A) will ensure that the ground water is free from Arsenic & Fluoride contamination. The ground water test report of PHE department or any other Govt. Deptt. may be consulted. List of Blocks identified having Arsenic & Fluoride affected ground water is uploaded in the website: www.rkvyassam.in .	
	The sinking of STW to be done by the beneficiary themselves under the technical supervision of Engineer of the Agriculture Department. The procurement of STW boring material for civil work portion to be made by the beneficiary themselves from the open market as per specification laid down in the estimate approved by the Agriculture Department for STW Civil Works (ANNEXURE IV).	
	The Diesel Engine Pump-set for coupling with the tube well (STW) to be procured by the beneficiary as per their choice of brand at the Dealer's price registered in the GOI portal (www.farmer.gov.in). The brand and rate extracted from the portal by way of downloading shall be certified by the respective EE(A) / AEE(A). After procurement of Pump-set, the EE(A) / AEE(A) or his representative will physically verify the same.	
	The Electrical Pump-set for coupling with the shallow tube well (STW) to be procured by the beneficiary as per their choice of brand at the Dealer's price registered in the GOI portal (www.farmer.gov.in). The brand and rate extracted from the portal by way of downloading shall be certified by the respective EE(A) / AEE(A). After procurement of Pump-set, the EE(A) / AEE(A) or his representative will physically verify the same.	
	(iii)The Solar PV pumping system shall be procured by the beneficiary as per their choice from the approved short listed vendors, to be installed, commissioned on turnkey basis. The list of short-listed vendors along with technical specification is uploaded in the web site: www.rkvyassam.in .	
G.	Disbursement of Subsidy :-	
	The subsidy will be disbursed to the beneficiary account directly observing the laid down procedure of DBT, prescribed by the Govt. The beneficiary may opt for installation of STW from his/ their own financial resources or Bank Loan.	

	<p>In case of STW installed by the beneficiary's own financial resources, the eligible subsidy will be directly transfer to the beneficiary's bank account as per provision through DBT platform subject to submission of following document to the Chief Engineer Agriculture, Assam by the concerned EE(A) / AEE(A)</p> <ul style="list-style-type: none"> a) Bills of the Civil works & Pump-set (Diesel/Electrical/Solar PV powered) along with Challan, Satisfactory Completion Certificate (Annexure-V) / sanction order. b) Photograph of the individual /group beneficiary with the STW duly certified by the EE(A) / AEE(A). c) Compiled list of individual /group beneficiary with proper address, showing details of brand, model, price of the Pump-set, Bank Account No, Bank Branch, IFS Code in Excel file.
	<p>In case of beneficiary opted for installation of STW through Bank Loan, a proposal to be forwarded to bank along with Sanction letter, copy of application form submitted by the beneficiary, approved list of beneficiary and minutes of the DLSC, quotation for Pump-set / SPV pumping system proposed to procure under the scheme, as per farmer's choice.</p> <p>The bank concerned would consider the proposal as per laid down procedure and issue loan sanction order, as the case may be, for installation of STW and procurement of Pump-set / SPV pumping system and intimate EE(A) / AEE(A).</p> <p>After installation of STW and procurement of Diesel Pump-set / Electrical Pump-set / SPV pumping system by the beneficiary, respective Bank will submit claim for reimbursement of subsidy to the Director of Agriculture with a copy to EE(A) / AEE(A) as per format enclosed at Annexure VI. On receipt of claim from the Bank, the eligible subsidy will be deposited in the bank account of the beneficiary observing necessary formalities to be followed in DBT system.</p>
	<p>In case of SPV pumping system the vendor would deposit 5% of bill amount to the respective EE(A) / AEE(A) prior to obtaining the Satisfactory Completion Certificate. The EE(A) / AEE(A) would release the performance security after 60 days of completion of AMC obligation.</p>
H.	Utilization of STW :-
	<p>For optimum utilization of Irrigation potential created, the ADO, Agriculture Extension Assistant would prepare</p> <ul style="list-style-type: none"> i) Crop plan for individual / group of farmers. ii) Irrigation plan for each crop. iii) Submit utilization and production achievement report to the DAO.
I.	Duration of Service :-
	<ul style="list-style-type: none"> a) The duration of service for STW with Diesel / Electrical Pump-set is 10 years from the date of commissioning. b) In case of STW with Solar PV powered Pump-set the duration of service for STW & Pump-set is 10 years and Solar PV system is 20 years from the date of commissioning.
J.	Monitoring & Evaluation :-
	<p>Monitoring of the scheme would be done periodically by the District level as well as Directorate level Officers of Agriculture Department.</p> <p>Geo-tagging of every STW is mandatory as per format at ANNEXURE-V. The details of beneficiaries under this scheme shall be uploaded in the Website of Agriculture Department within three working days of completion of installation of STW with Pump-set / SPV pumping system by the respective EE(A). The hard copy of the beneficiary's list uploaded along with soft copy shall be submitted to the Chief Engineer, Agriculture.</p> <p>The SPV pumping system shall be insured by the beneficiary with schedule Insurance Company and a copy of the same shall be furnished to the AEE(A) / EE(A) for record.</p> <p>The Operation and Maintenance of the STW & Pump-set shall be done by the beneficiary. The beneficiary shall clean the PV panels on weekly basis so that the performance of the solar panels remains optimum. The cost of maintenance of the Pump-sets and panels is to be borne by the beneficiary.</p> <p>During the life time of the Pump-set, beneficiary shall not sell or transfer the Pump-set to any other party. In case the beneficiary without written approval of the Agriculture Department sells the Pump-set, appropriate legal action would be initiated against the beneficiary.</p>

Beneficiary shall be responsible for any damage, loss and theft of the Pump-set, SPV pumping system including Solar PV Panel, etc.

Officials of Agriculture Department or any other Agency / Officials, as authorized, shall inspect the STW at any time to ensure its utilization.

Log Book and the Cultivation Register would be duly maintained by the farmer or President / Secretary of the Group of Farmers and shall be open for verification by the Officers of the Agriculture Department.

A **District Level Monitoring Committee** headed by the ADC(Dev), DAO member, AEE(A) member and EE(A) as Member Secretary shall monitor the progress periodically. Any grievances in Selection of beneficiary etc. would be resolved by the EE(A) / AEE(A) in consultation with the **Monitoring Committee**.

In case of any dispute related to the scheme, the Director of Agriculture shall resolve the issue amicably.

Director of Agriculture,
Assam, Khanapara, Guwahati-22

Chief Engineer, Agriculture,
Assam, Khanapara, Guwahati-22

Annexure-I-A

Format of Score Sheet for Grading of Farmers			
Name of Beneficiary/ Group:			
Father's/ Husband' of beneficiary or Presd./ Secty of Group:			
Vill & PO:			
District:			
SN	Item/Subject	Range	Score
1	Total Agricultural land proposed to be irrigated by the STW	Individual farmer having 15 bigha or more	10
		Individual farmer having 12 – 14.9 bigha	3
		Individual farmer having less than 12 bigha	0
		Group members having total 15 bigha or more	10
		Group members having less than 15 bigha	0
2	No. of crops cultivated in a year	3 or more crops	10
		2 crops	7
		1 crop	1
3	For KCC holder (in case of Group 50% or more members having KCC)		10
4	Beneficiary belong to SC or ST category (In case of Group of 50% or more members belong to SC or ST category)		10
5	Women Farmer (In case of Group 50% or more women member)		10
Total (maximum)			50

Scored by (Rep. of Dist. NGO)

Checked by (AE/JE)

C/S by EE(A)/AEE(A)

Name:

Name:

Date:

Date:

Annexure-II
GOVT. OF ASSAM
OFFICE OF THE EXECUTIVE ENGINEER (AGRI)

SANCTION ORDER

In pursuance of Minutes of District Level Selection Committee of _____ District held on _____ & Circulated vide Memo. No. _____ Dtd. _____, sanction is hereby accorded for allotment of one STW with Pump-set to each individual farmer / Group of farmers under RIDF scheme, 2016-17 with eligible Govt. subsidy as detail below:

Sl. No.	Name of individual farmer / Group of farmers with address	Name of Father / Husband or Secretary / President of Group	Type of Pump-set (Diesel / Electrical / Solar PV powered)	Eligible Govt. subsidy (%)	Maximum admissible subsidy (Rs.)	Bank Account No.	IFS Code	Name of Bank and Branch with address
1	2	3	4	5	6	7	8	9

The individual farmers / Groups of farmers listed at column 2 shall proceed for installation of STW and procurement of Pump-set as per laid down Guideline and complete commissioning of the STW within **30 days** from the date of issue of this sanction order, failing which this sanction order will automatically lapse. Additional **20 days** only will be allowed in case of Bank loan.

Executive Engineer (Agri)
.....

Memo No.....Dated.....

Copy forwarded for favour of information to:-

1. The Deputy Commissioner.....
2. The Director of Agriculture, Assam, Khanapara, Guwahati-22.
3. The Chief Engineer, Agriculture, Assam, Khanapara, Guwahati-22.
4. The District Agril. Officer
5. The District officer NABARD
6. The Branch ManagerBranch, Bank. He is requested to sanction loan within **20 (Twenty)** days from the date of issue of this sanction order (in case of Bank Loan). Beyond 20 days this sanction order shall be invalid for sanction of loan.
7. The President/Secretary.....Group.....vill.....PO.....

Executive Engineer (Agri)
.....

photograph of individual farmer or group members to be attached

Annexure-III-A
UNDERTAKING in the form of AFFIDAVIT

For

INSTALLATION OF SHALLOW TUBE WELL WITH DIESEL PUMP-SET UNDER RIDF

(To be signed in non-judicial Stamp Paper of Rs.10/- and notarised)

I, Sri/Smt.....son/daughter/wife of
Village:, PO:, PS:, District:

OR

We the following members of Group, Village:,
PO:, PS:, District:

- (1) Sri/Smt..... son/daughter/wife of.....vill.....
- (2) Sri/Smt..... son/daughter/wife of.....vill.....
- (3) Sri/Smt..... son/daughter/wife of.....vill.....
- (4) Sri/Smt..... son/daughter/wife of.....vill.....
- (5) Sri/Smt..... son/daughter/wife of.....vill.....

Is / Are hereby solemnly giving the following undertakings on thisday ofmonth, 2017 for availing subsidy consequent upon selection accorded by the District Level Selection Committee (DLSC), District for installation of one Shallow Tube Well with Diesel Pump-set in favour of me / us under RIDF, which will be binding on me / us and any violation of these, will penalize me / us for legal action and or action as decided by the Department of Agriculture, Assam.

1. This Undertaking is made for the purpose to develop Irrigation facility for increasing production and productivity, which will help in uplifting economic condition of me / us.
2. I / we understood that the 50% of the total cost of the STW, limited to maximum admissible subsidy will be borne by the Agriculture Department, and rest of the total cost of the STW shall be borne by me / us from my / our own resources or Bank loan.
3. I / we will abide by the conditions given in the "Guideline for Installation of Shallow Tube Well (STW) with Diesel Pump-set / Electrical Pump-set / Solar PV powered Pump-set under RIDF, 2016-17", which is annexed with this Undertaking.
4. As soon as I / we receive Sanction Order from EE(A), I / we shall proceed for installation of STW and procurement of Pump-set as per laid down Guideline and complete commissioning of the STW within **30 days** from the date of issue of the sanction order, and I / we understand that failing to do so this sanction order will automatically lapse. I / we also understand that additional 20 days only be allowed in case I / we opted for bank loan.
5. I / we shall procure boring materials and complete installation of STW as per specification laid down in the approved estimate of civil works for STW under supervision of technical officers of Agriculture Department with my / our own financial resources or through bank loan.
6. On completion of successful boring and certified by the technical officer of Agriculture Department I / we shall procure the Pump-set as per my / our choice of brand/model/price/dealer registered in the GOI's Farmer portal (www.farmer.gov.in). I / we understand that the screen-shot for brand/model/price/dealer of Pump-set to be extracted from the portal and to be certified by the respective EE(A) / AEE(A). I / we also

understand that after procurement of Pump-set, the EE(A) / AEE(A) or his representative will physically verify the same.

- 7. I / we shall insure the Pump-set with any Insurance Company and furnish the copy of insurance certificate to the respective EE(A) / AEE(A).
- 8. I / we shall bear the cost of operation and maintenance of the STW and Pump-set.
- 9. I shall properly & efficiently utilise irrigation water available from the STW and allow nearby farmer to derive the benefit.

OR

We shall properly & efficiently utilise and equitably distribute irrigation water available from the STW so that all the members of the Group can derive the benefit.

- 10. During the lifetime i.e. service period of Pump-set I / we will not sell or transfer the Pump-set to any other party.
- 11. I / we understand that Officials of the Agriculture Department, or any other agency authorized by the Agriculture Department, shall have the right to inspect the STW & Pump-set at any time to ensure its utilization and take action for illegal utilization or loss.
- 12. I / we shall be responsible for any damage, loss and theft of the Pump-set.
- 13. I / we shall maintain proper log book and utilization register as prescribed by the Agriculture Department for inspection of the same at any time.
- 14. I / we understand that any dispute between me / us and the Agriculture Department will be resolved amicably by the Directorate of Agriculture, Khanapara, Guwahati-781022.

Date:

Signatures of Farmer / members of the Group

Place:

Witness: 1.

2.

(Write full address & contact nos.)

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Pass-port size photograph of individual farmer or group members to be attached

Annexure-III-B
UNDERTAKING in the form of AFFIDAVIT
For

INSTALLATION OF SHALLOW TUBE WELL WITH ELECTRICAL PUMP-SET UNDER RIDF
(To be signed in non-Judicial Stamp Paper of Rs.10/- and notarised)

I, Sri/Smt.....son/daughter/wife of
Village:, PO:, PS:, District:

OR

We the following members of Group, Village:,
PO:, PS:, District:

- (1) Sri/Smt..... son/daughter/wife of.....vill.....
- (2) Sri/Smt..... son/daughter/wife of.....vill.....
- (3) Sri/Smt..... son/daughter/wife of.....vill.....
- (4) Sri/Smt..... son/daughter/wife of.....vill.....
- (5) Sri/Smt..... son/daughter/wife of.....vill.....

Is / Are hereby solemnly giving the following undertakings on thisday ofmonth, 2017 for availing subsidy consequent upon selection accorded by the District Level Selection Committee (DLSC), District for installation of one Shallow Tube Well with Electrical Pump-set in favour of me / us under RIDF, which will be binding on me / us and any violation of these, will penalize me / us for legal action and or action as decided by the Department of Agriculture, Assam.

- 1 This Undertaking is made for the purpose to develop Irrigation facility for increasing production and productivity, which will help in uplifting economic condition of me / us.
- 2. I / we understood that the 50% of the total cost of the STW, limited to maximum admissible subsidy will be borne by the Agriculture Department, and rest of the total cost of the STW shall be borne by me / us from my / our own resources or Bank loan.
- 3. I / we will abide by the conditions given in the "Guideline for Installation of Shallow Tube Well (STW) with Diesel Pump-set / Electrical Pump-set / Solar PV powered Pump-set under RIDF, 2016-17", which is annexed with this Undertaking.
- 4. As soon as I / we receive Sanction Order from EE(A), I / we shall proceed for installation of STW and procurement of Pump-set as per laid down Guideline and complete commissioning of the STW within **30 days** from the date of issue of the sanction order, and I / we understand that failing to do so this sanction order will automatically lapse. I / we also understand that additional 20 days only be allowed in case I / we opted for bank loan.
- 5. I / we shall procure boring materials and complete installation of STW as per specification laid down in the approved estimate of civil works for STW under supervision of technical officers of Agriculture Department with my / our own financial resources or through bank loan.
- 6. On completion of successful boring and certified by the technical officer of Agriculture Department I / we shall procure the Pump-set as per my / our choice of brand/model/price/dealer registered in the GOI's Farmer portal (www.farmer.gov.in). I / we understand that the screen-shot for brand/model/price/dealer of Pump-set to be extracted from the portal and to be certified by the respective EE(A) / AEE(A). I / we also

understand that after procurement of Pump-set, the EE(A) / AEE(A) or his representative will physically verify the same.

- 7. I / we shall insure the Pump-set with any Insurance Company and furnish the copy of insurance certificate to the respective EE(A) / AEE(A).
- 8. I / we shall bear the cost of operation and maintenance of the STW and Pump-set.
- 9. I shall properly & efficiently utilise irrigation water available from the STW and allow nearby farmer to derive the benefit.

OR

We shall properly & efficiently utilise and equitably distribute irrigation water available from the STW so that all the members of the Group can derive the benefit.

- 10. In case, I / we collectively avail subsidy for STW in cluster basis with provision of 25 KVA or 63 KVA Sub-station I / we shall utilise the power drawn from the Sub-station exclusively for agriculture purpose only and I / we understand that no diversion of power or used otherwise shall be permitted.
- 11. During the lifetime i.e. service period of Pump-set I / we will not sell or transfer the Pump-set to any other party.
- 12. I / we understand that Officials of the Agriculture Department, or any other agency authorized by the Agriculture Department, shall have the right to inspect the STW & Pump-set at any time to ensure its utilization and take action for illegal utilization or loss.
- 13. I / we shall be responsible for any damage, loss and theft of the Pump-set.
- 14. I / we shall maintain proper log book and utilization register as prescribed by the Agriculture Department for inspection of the same at any time.
- 15. I / we understand that any dispute between me / us and the Agriculture Department will be resolved amicably by the Directorate of Agriculture, Khanapara, Guwahati-781022.

Date:

Signatures of Farmer / members of the Group

Place:

Witness: 1.

2.

(Write full address & contact nos.)

161
164

Pass-port size
photograph of
individual farmer or
group members to be
attached

Annexure-III-C
UNDERTAKING in the form of AFFIDAVIT
For

INSTALLATION OF SHALLOW TUBE WELL WITH SOLAR PV POWERED PUMP-SET UNDER RIDF
(To be signed in non-judicial Stamp Paper of Rs.10/- and notarised)

I, Sri/Smt.....son/daughter/wife of
Village:, PO:, PS:, District:

OR

We the following members of Group, Village:
PO:, PS:, District:

- (1) Sri/Smt..... son/daughter/wife of.....vill.....
- (2) Sri/Smt..... son/daughter/wife of.....vill.....
- (3) Sri/Smt..... son/daughter/wife of.....vill.....
- (4) Sri/Smt..... son/daughter/wife of.....vill.....
- (5) Sri/Smt..... son/daughter/wife of.....vill.....

I / Are hereby solemnly giving the following undertakings on thisday ofmonth, 2017 for availing subsidy consequent upon selection accorded by the District Level Selection Committee (DLSC), District for installation of one Shallow Tube Well with Solar PV powered Pump-set in favour of me / us under RIDF, which will be binding on me / us and any violation of these, will penalize me / us for legal action and or action as decided by the Department of Agriculture, Assam.

1. This Undertaking is made for the purpose to develop Irrigation facility through installation of STW with Solar Photovoltaic (PV) powered Pump-set for increasing production and productivity, which will help in uplifting economic condition of me / us.
2. I / we understood that 50% of the cost of STW civil work as per actual boring depth and 85% of the cost of Solar PV pumping system and storage tank, limited to maximum admissible subsidy will be borne by the Agriculture Department, and rest of the total cost of the STW civil work, Solar PV pumping system and storage tank shall be borne by me / us from my / our own resources or Bank loan.
3. I / we will abide by the conditions given in the "Guideline for Installation of Shallow Tube Well (STW) with Diesel Pump-set / Electrical Pump-set / Solar PV powered Pump-set under RIDF, 2016-17", which is annexed with this Undertaking.
4. As soon as I / we receive Sanction Order from EE(A), I / we shall proceed for installation of STW and procurement of Solar PV Pumping system as per laid down Guideline and complete commissioning of the STW within **30 days** from the date of issue of the sanction order, and I / we understand that failing to do so this sanction order will automatically lapse. I / we also understand that additional 20 days only be allowed in case I / we opted for bank loan.
5. I / we shall procure boring materials and complete installation of STW as per specification laid down in the approved estimate of civil works for STW under supervision of technical officers of Agriculture Department with my / our own financial resources or through bank loan.

- 6. I / we shall complete construction of storage tank as per specification laid down in the approved estimate under supervision of technical officers of Agriculture Department with my / our own financial resources or through bank loan.
- 7. On completion of successful boring of STW and construction of storage tank and certified by the technical officer of Agriculture Department I / we shall procure the Solar PV Pumping system as per my / our choice from the approved short listed vendors. I / we understand that after procurement of Solar PV Pumping system, the EE(A) / AEE(A) or his representative will physically verify the same.
- 8. I / we shall insure the Solar PV Pumping system with any Insurance Company and furnish the copy of insurance certificate to the respective EE(A) / AEE(A).
- 9. I / we shall bear the cost of operation and maintenance of the STW and Solar PV Pumping system.
- 10. I shall properly & efficiently utilise irrigation water available from the STW and allow nearby farmer to derive the benefit.

OR

We shall properly & efficiently utilise and equitably distribute irrigation water available from the STW so that all the members of the Group can derive the benefit.

- 11. During the lifetime i.e. service period of Solar PV Pumping system I / we will not sell or transfer the Solar PV Pumping system to any other party.
- 12. I / we understand that Officials of the Agriculture Department, or any other agency authorized by the Agriculture Department, shall have the right to inspect the STW & Solar PV Pumping system at any time to ensure its utilization and take action for illegal utilization or loss.
- 13. I / we shall be responsible for any damage, loss and theft of any part or whole of the Solar PV Pumping system.
- 14. I / we shall maintain proper log book and utilization register as prescribed by the Agriculture Department for inspection of the same at any time.
- 15. I / we understand that any dispute between me / us and the Agriculture Department will be resolved amicably by the Directorate of Agriculture, Khanapara, Guwahati-781022.

Date:
Place:

Signatures of Farmer / members of the Group

Witness: 1.
2.

(Write full address & contact nos.)

Annexure-IV

**MODEL ESTIMATE FOR INSTALLATION OF SHALLOW TUBE WELL (STW) UP TO
45 METER DEPTH**

Rate based on Schedule of rate of PHE for 2008-09 & APWD(B) for 2013-14

SL NO	SOR No	Description of item	Unit	Quantity	Rate	Amount
A. Material cost						
1	A.1.2 1.(viii)	Light duty Galvanized Iron (GI) pipe 80 mm dia having ISI Mark	Meter	1.50	531.00	796.50
2	A.1.2 (6)(iii)	UPVC Casing pipe withstanding 6kgf/cm ² 80 mm dia	Meter	38.50	306.00	11,781.00
3	A.1.2 (3)(iii)	PVC ribbed screen stainer 80 mm dia having ISI mark,	Meter	6.00	470.80	2,824.80
4		PVC non returnable check valve 90mm dia having ISI mark.	Nos.	1	300.00	300.00
5	B.1.1 5 (viii)	PVC End plug, 90 mm dia best quality having ISI Mark.	Nos.	2	25.00	50.00
6	B.1.1 1.(viii)	PVC socket 90 mm dia pressure 6kgf/cm ²	Nos.	5	26.00	130.00
7		PVC adaptor	Nos.	1	30.00	30.00
9		PVC suction pipe dia 75mm with working pressure 6kgf/cm ²	Meter	1	150.00	150.00
10		Solvent cement	L.S			75.00
SUB TOTAL(A)=						16,137.30
B. Labour cost for Installation of STW						
1	2.1.3	Labour charge of making bore hole of 100 mm dia and collecting sample of soil at every 3.00 Meter depth.				
		a. For 0 to 20 m depth	Meter	20.00	125.90	2,518.00
		b. For 20 m to 40 m depth	Meter	20.00	164.10	3,282.00
		c. For 40 m to 60 m depth	Meter	5.00	202.40	1,012.00
2	2.2.4	Labour charge of sinking lowering, fitting fixing of Direct Action (Tara hand pump assembly in position with 90 mm/50 mm dia P.V.C casing pipe with ribbed screen placed in potable water bearing strata with 40 mm dia sand trap with end cap at bottom of well, washing the bore well etc. and supplying necessary jointing materials including carriage of materials and cleaning and priming the tube well all complete as directed.	Meter	45.00	13.70	616.50
3	2.3	Providing and packing coarse sand around stainer and casing pipe including supplying and carriage of materials all complete as directed and specified.	Meter	45.00	5.50	247.50
SUB TOTAL(B)=						7,676.00
C. Cement Concrete Floor. base (1.50m X 1.50m)						
		Construction of floor base Flat Brick soiling, P.C.C and R.C.C , Plastering works as directed.	Sq.m	2.25		2,778.00
Sub TOTAL-(C)						2,778.00
TOTAL (A + B+C)=						26,591.30
adding 35% price escalation on (A+B)						8,334.66
TOTAL after adding escalation						34,925.96
Deduct contractor profit (10%)						3,492.60
GRAND TOTAL						31,433.36
Say, Rs.						31,430.00
Rupees (Thirty One Thousand Four Hundred Thirty)only						

Annexure-V
FORMAT FOR

COMPLETION CERTIFICATE & GPS READING FOR INSTALLATION OF STW UNDER RIDF

Issue No

Dated

This is to certify that one No. STW with Pump-set installed under RIDF is tested on dated.....
in presence of the beneficiary and performance found satisfactory. The following particulars are recorded
during testing.

1.	Name of Scheme & Year:	
2.	Name of beneficiary (Individual Farmer/ Group):	
	Father's / Husband's name or Secretary & President 's name	
4.	Address	
	Village:	
	GP:	
	Block:	
	LAC:	
	District:	
5.	Date of commissioning:	
6.	Measured Depth of STW (in meter):	
7.	Discharge recorded (Litre/Sec):	
8.	Type of Pump-set	
	a) Diesel/ Electrical/ Solar PV powered Pump-set:	
	b) Centrifugal (Surface)/ Submersible:	
	c) Power (HP):	
9.	a) Make & Model of Pump-set:	
	b) Sl. No. of Diesel Engine or Electric Motor or Solar PV powered Motor:	
	c) Sl. No. of Pump:	
	d) Name & address of Registered Dealer of Diesel/ Electrical Pump-set or approved Vendor of Solar PV pumping system	
10.	Details of Performance security deposited by Vendor @5% of the total bill amount of Solar PV pumping system in the form of fixed deposit / NSC pledged in favour of Director of Agriculture, Assam. (For Solar PV powered Pump-set only)	In the form of No. Dated. For amount of Rs.
11.	GPS Recording	
	a) Latitude (dd ^o mm'ss.s" N):	
	b) Longitude (dd ^o mm'ss.s" E):	
	c) Name of land owner where STW installed & GPS recorded as above along with Father's/ Husband's name	

<u>Sign of Beneficiary</u>	<u>Sign of NGO staff present</u>	<u>Recorded by AAE or JE</u>	<u>C/S by EE(A)/AEE(A)</u>
	Name:	Name:	