Czech Development Agency

Nerudova 3, 118 50 Prague 1
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www.czechaid.cz

CONTRACT

REF. NO. 283178/2023-ČRA

BETWEEN

CONTRACT OWNER:	**CZECH REPUBLIC – CZECH DEVELOPMENT AGENCY**
Represented by:	Ing. Michal Minčev, MBA– Director
Registered office:	Nerudova 3, 118 50 Prague 1
Person authorised in contractual matters:	Mr. Martin Šefr
Phone.:	
E-mail:	
Company ID no.:	75123924
Bank connection:	Czech National Bank, Na Příkopě 28, Prague 1, Czech Republic
Account number:	0000 – 72929011/0710

(hereafter "Client")

and

SUPPLIER:	**HY Engineering PLC**
Represented by:	Mr. Henok Tsegaye – General Manager
Registered office:	Hawassa, Tabore Sub-city, Hitata kebele, P.O. Box 538, Ethiopia
Tax ID no.:	0057735915
Bank connection:	
Account number:	
SWIFT code:	
Contact person:	Mr. Henok Tsegaye
Phone:	
E-mail:	

(hereafter the „Supplier")

MANDATE CONTRACT

1. SUBJECT OF THE CONTRACT

1.1. The Supplier hereby undertakes to perform the mandate as technical expert. The mandate is specified in Article 2. of this Contract. The Supplier undertakes to perform the mandate duly and carefully according to his abilities.

CZECH REPUBLIC DEVELOPMENT COOPERATION

1.2. Client hereby undertakes to pay the Supplier duly and in time for the performance of the mandate the agreed remuneration in accordance with terms and conditions stated in this Contract.

2. MANDATE

2.1. The Supplier will provide expert consultations in the framework of the public contract "Introduction of a sustainable potable water supply system in the Bura, Dale and Bona Zuriya woredas" (hereafter "public contract").

The Supplier, on behalf of the Client, shall oversee the proper implementation of the construction part of the public contract including construction supervision with a focus on inspecting the execution of work in terms of efficiency, effectiveness and quality, compliance with Bill of Quantities for project localities (which forms Annex no. 4 to this Contract) and the Project Documentation (which forms Annex No. 3 to this Contract), local legislation and technical standards. In the case of discrepancies between technical specification in Annex no. 3 and no. 4 to this Contract, the technical specification in Annex no. 4 (Bill of Quantities for project localities) prevails. For the purposes of this Contract, the construction part of the public contract is defined as the performance of all activities listed in Annex No. 2 to this Contract – Project Outputs, in 4 localities: Yirgalem-Tula (pumps Hangue 1 and 2), and Hamesho Kebena (Bura woreda).

2.2. The Supplier will act towards the Contractor of the public contract (hereafter "Contractor") as representative of the Client and therefore is entitled to request explanations of procedures, repairs of damages and defects and suggest and approve solutions of the problems to the Contractor. The Supplier will complete following tasks specified in the points 1-12:

1) Supervision of the construction site. The construction site supervision shall normally be provided for at least 10 working days per month, but it is possible to extend it with additional ad-hoc inspections, e.g. to hand over partial or integral parts of the subject of performance, inspection of work to be covered or to become inaccessible, performance of tests of fundamental importance for the quality of the work being performed (e.g. water pressure), etc.;

2) Supervising the compliance with the binding time schedule (see Annex No. 5 to this Contract) for the construction and handover of the water infrastructure, possible immediate notifying of the Client of any delay and simultaneous requesting for the proper justification of the delay by the Contractor. In the Hamesho Kebena and Yirgalem-Tula localities the construction must be completed and duly handed over to the project beneficiary for use by the end by the end of June 2024 at the latest. The Supplier shall be informed by the Client in good time about a possible adjustment of the schedule within the framework of an amendment to the Contract with the Contractor;

3) Continuous quality control of works and the execution of work of the finishing cycle and whether materials, structures and products for the construction are

continuously documented by quality and performance certificates (certificates, attestations, reports, declarations of conformity, etc.), whether their technical specification corresponds with the one stated in Bill of Quantities for project localities (Annex no. 4 of this Contract), and whether the Contractor performs the prescribed or agreed tests. In case of detected non-conformities with the requirements of the Project Documentation/relevant standards, the Supplier shall immediately notify the Client thereof and, after consultation with it, may request the Contractor to correct them (e.g. repeated inspection tests);

4) Continuous control of the scope (quantitative indicators) of the work performed. In case of non-conformities with the Project Documentation, the Supplier shall immediately notify the Client thereof and, at the same time, request the Contractor to properly explain the changes that have occurred or to correct them;

5) Continuous control of the construction diary that the Contractor is obliged to keep in English as well as Amharic or Sidamo language and always keep accessible at the site of all individual water infrastructure constructions (total 4), and making entries in the construction diary at each site inspection;

6) Continuous control of the elimination of all identified deficiencies of the work within the specified deadlines;

7) Taking minutes from all meetings, inspections and handover of partial or integral parts of the subject of performance at the place of implementation and ensuring the signature of all these minutes by the Contractor's representative. Unless otherwise stipulated by the Client or its authorised representative, the Supplier is also entitled to confirm the acceptance of partial and integral parts of the subject of performance on behalf of the Client;

8) Monthly reporting of the progress of implementation to the Client, which shall be written in English language and include the following:

    a. Records of all changes in relation to the Project Documentation (qualitative, quantitative, time) and preparation of opinions on the changes and adjustments to the progress of work, the scope of work and any other proposals of the Contractor, including their price impact;

    b. An overview of all current defects and unfinished work, including the mutually agreed procedure for their elimination and the deadlines within which the Contractor is to ensure their correction;

    c. Copies of records made in the given period in the construction diary;

    d. Records of handover of partial or integral parts of the subject of performance (if relevant);

    e. Minutes of all meetings with the Contractor's representatives held in the given period;

f. List of all sections of the construction that have already been covered/made inaccessible after the approval of the investor's technical supervision;

g. Photo documentation from control activities.

9) Preparing possible technical specifications of the Project Documentation and their timely submission to the authorised representatives of the Client and the Contractor;

10) Written statement on the construction part of the list of the performed works, supplies and services valued in accordance with the Contractor's budget that shall be part of the interim or final report on the implementation of the subject of performance submitted to the Client by the Contractor always as of 31 May and 30 November of each calendar year of the project implementation. The Supplier shall be informed by the Client in good time about any adjustment of the budget within the scope of an amendment to the Contract with the Contractor;

11) As-Built Documentation Assessment that the Contractor is to submit to the Client hereunder not later than 1 month after putting the water supply system into trial operation in each individual site;

12) Continuous control of the elimination of defects and unfinished work during at least 90 days of trial operation of each individual water supply system and confirmation of the accuracy of the details specified in the Reports of Handover and Acceptance of each individual construction.

13) The Contractor provided the Client topographic survey and pump design for the old borehole at Hangue 1 and Hangue 2; Borehole rehabilitation and investigation work for the old borehole at Hangue 1 and Hangue 2 before signature of this contract. This work was requested by the Client for the reason to comply with the demand of relevant local authorities and for the reason to assess further financial allocations and had to be done without delay. The parties have agreed on remuneration stated in this contract and consider their rights resulting from provision of topographic survey and pump design for the old borehole at Hangue 1 and Hangue 2 by the Contractor settled.

2.3. The Supplier will also perform following rights and obligations in relation to the Contractor specified in the points 1-11:

1) To arrange procedures for standard and operational communication at the place of implementation with the Contractor's representatives. Under the contract with the Client, the Contractor is obliged to ensure the access of the Supplier’s representatives to the construction site, at any time when the works are being performed, in order to oversee the proper implementation of the construction part of the public contract;

2) In the event that the Supplier suspects that some part of the professional work is not being performed by members of the Contractor's implementation team

or subcontractors with the appropriate qualifications, it may, on behalf of the Client, request a proof of the required qualifications within five working days;

3) To make entries and comments in the Contractor's construction diary and, if necessary, request the completion of missing information to individual construction actions (in particular details of the time progress of the work, its quality, meeting the agreed deadlines, record and justification of any deviations from the Contractor's offer or the Project Documentation). The Supplier's representatives who are entitled to make entries in the construction diary will be listed on the first page of the diary;

4) Under the contract with the Client, the Contractor is obliged to ensure the participation of its employees in the tasks of the construction supervision. The Supplier is entitled to request the participation of the construction manager of the Contractor, or his authorised representative, and the authorised representatives of the Contractor's subcontractors, in all meetings, inspections and handover of the partial or integral parts of the subject of performance at the place of implementation;

5) Under the contract with the Client, the Contractor is obliged to continuously invite the Supplier in writing or by e-mail to inspect the work to be covered or to become inaccessible as a result of the next action, always at least 5 working days before the commencement of the work. If the Contractor fails to meet this obligation in any case, the Supplier has the right, on behalf of the Client, to request the uncovering or providing access to the given sections of the structure;

6) Under the contract with the Client, the Contractor is obliged to notify the Supplier, at least 3 working days in advance, of all tests and other work being performed that are essential for the quality of the work being performed. If the Contractor fails to meet this obligation in any case, the Supplier shall immediately notify the Client thereof;

7) Under the contract with the Client, the Contractor is obliged to eliminate all commented-on defects found during the execution of the work within 15 days at the latest and the Supplier is entitled to check the compliance with this deadline on behalf of the Client. If the Contractor does not eliminate the defect within the given period without asking the Client to extend it, the Supplier shall immediately notify the Client thereof;

8) In the event of a failure to provide co-operation enabling the performance of the construction supervision under this Contract by the Contractor and/or its subcontractors, the Supplier is obliged to immediately notify the Client thereof;

9) The Supplier shall immediately notify the Contractor's representative of any deficiencies found during the performance of work and shall make an entry in the construction diary in English as well as in Amharic or Sidamo language;

10) To discuss with the Contractor minor modifications and changes to the Project Documentation that do not require a change in the construction, do not increase the costs of the construction, do not prolong the time of performance or worsen the parameters and useful properties of the construction. A drawing/entry to be made in the construction diary in respect of these modifications and changes;

11) To submit suggestions leading to a future economical operation (use) of the completed construction.

2.4. The Supplier undertakes to perform the mandate exclusively through the employees of the Supplier without using third persons (subcontractors) for any tasks. Only the employees of the Supplier are allowed to enter the construction site as the Supplier's representatives.

3. DURATION

3.1. The period of performance of the Contract is November 2023 – June 2024 (8 months).

4. CONTRACT PRICE

4.1. The Client shall reimburse the Supplier for performance of the mandate in the amount of USD 17,800.00 (in words: seventeen thousand eight hundred dollars) including VAT (hereafter "contract price"). The contract price is accepted by both parties as non-exceedable. The contract price covers all the costs arising for the Supplier in connection with the performance of the mandate. The Supplier is responsible for the correct determination of the VAT rate.

4.2. The contract price is the sum of the prices for following tasks within the scope of the Supplier's mandate specified in Article 2.2:

	Tasks	Remuneration
1.	Supervision of the construction site, monthly reporting and continuous controls: tasks 1–11 (in the period 11/2023–03/2024, i.e. 5 months)	USD 2,300.00 per month, i.e. USD 11,500.00 for 5 months
2.	Extra work for pump analysis on Hangue 1 and 2	USD 4,950.00
3.	Continuous control during the trial operation: task 12 (in the period 04/2024-06/2024)	USD 450.00 per month, i.e. USD 1,350.00 for 3 months

Above stated remuneration includes VAT and all costs, expenditures, services and additional performances necessary for performance of the mandate.

4.3. The Supplier shall send to the Client request for payment accompanied by invoice issued by the Supplier after each month of fulfilling the mandate. The request shall always be accompanied by corresponding documents for the respective tasks conducted, which were approved by the Client. The request for payment for each month shall be submitted to the Client and approved by the Client before the payment will be processed. The Supplier can send invoice for extra work for pump analysis on Hangue 1 and 2 after 15 days from day of signature of this contract and its publication in contract register.

4.4. In the invoice the Supplier shall state the project code ET-2017-020-FO-14030/4, sector: water and sanitation.

4.5. The maturity period is 21 days from the delivery of the invoice to Client. The date of payment means the day when the payment is subtracted from the Client's account. The invoice must have all the essentials required of such document. Client may return an invoice to the Supplier within the maturity date without making any payment if the invoice contains incorrect data.

4.6. The payments will only be processed in USD.

4.7. Figures in the Supplier's invoices will be in USD.

4.8. The above mentioned amounts will be paid only by bank transfer to the following account opened in the name of the Supplier:

Bank connection:	Bank of Abyssinia
Account No.:	108336684
SWIFT code:	ABYSETAA

5. OBLIGATIONS OF THE SUPPLIER

5.1. The Supplier undertakes to perform the mandate personally and in accordance with relevant legislation and instructions and wishes of the Client if they aren´t in conflict with the legislation. The Supplier is not allowed to use sub-contractor to perform the mandate.

5.2. The Supplier shall observe any applicable laws in the execution of this Contract, and to hold the Client harmless of any claims from third parties (including State authorities) related to the execution of this Contract.

5.3. The Supplier shall transfer intellectual property right to the Client in accordance with this Contract.

5.4. In case that the Supplier fails to perform the mandate without justified excuse for more than 10 day, the Client has right for contractual penalty in the amount of 2200 USD. The contractual penalty is due by the day when the Client exercises the right for contractual penalty.

5.5. The Supplier is not liable for any delay in the consequence of Client's failure to give assistance under Article 6. hereof.

6. OBLIGATIONS OF THE CLIENT

6.1. Client undertakes to provide to the Supplier full cooperation necessary for the performance of the mandate. Client shall especially:

a) provide all information and material related to the subject matter of this Contract and needed for adequate performance of the mandate by the Supplier;
b) in the case of necessity – delegate the project manager and other Client deputies who will cooperate with the Supplier during the performance of the mandate and are qualified to comment on the situation, issues and requirements related to the execution of this Contract.

7. LICENSES AND INTELLECTUAL PROPERTY, CONFIDENTIALITY

7.1. The Supplier undertakes to protect the Client against all third-party actions for breach of copyright or other intellectual property rights, which might arise out of this Contract.

7.2. The Supplier declares that he is the rightful owner of the intellectual rights to all information supplied by virtue of this Contract, and that he is entitled to sell or transfer those rights in accordance with the terms of this Contract. If intellectual rights are the property of third parties, the Supplier shall request those third parties to confirm to the Client in writing and within four weeks following signature of the Contract, that the Supplier is indeed entitled to sell or dispose of those rights in accordance with the terms of this Contract.

7.3. If the Supplier creates work which is subject to author's rights and this work is related to the performance of the contract by the Supplier, the Supplier hereby grants the license to use the work in accordance with § 12 of the Act. No. 121/2000 Coll.

7.4. All information obtained by the Supplier during performance of this Contract from Client directly or through the project assistant are considered confidential. The Supplier shall not disclose such information to any other person if Client does not state otherwise.

7.5. Client and the Supplier shall exchange all information on any industrial property right that could impede the performance of the Contract.

8. DOCUMENTATION

8.1. Thereafter, the Supplier shall provide free of charge to Client any update of the documentation provided by the Supplier during the term of this Contract.

8.2. The Supplier shall permit Client to reproduce all or a part of the documentation provided, for its internal needs, directly connected with use by its personnel. Client shall ensure that any indication concerning the intellectual property rights appearing on the original copies is reproduced.

9. REPORTS

9.1. The Supplier will prepare each month report about inspections on the construction site according to provision 2.2. (8) of the Contract (in the period 11/2023–06/2024). The Supplier shall present the electronic version of the monthly report to Client for approval within no later than 7 working days after end of each month. The Client can request clarification of the report.

9.2. Each version of monthly report must be approved by Client to be considered final.

9.3. In case of delay with sending the monthly report to the Client the Supplier undertakes to pay to the Client contractual penalty in the amount of 8 USD per each day of delay. The contractual penalty is due by the day when the Client exercises the right for contractual penalty.

10. QUALITY AND STANDARDS

10.1. The Supplier undertakes to perform the Contract to the highest professional standards. The Supplier shall have sole responsibility for complying with any legal obligations incumbent on him, notably those resulting from employment, tax and social legislation.

10.2. The Supplier shall have sole responsibility for taking the necessary steps to obtain any permit or license required for performance of the Contract under the laws and regulations in force at the place where the tasks assigned to him are to be executed.

10.3. The Supplier shall neither represent Client nor behave in any way that would give such an impression. The Supplier shall inform third parties that he does not belong to the Czech public service.

10.4. The Supplier shall have sole responsibility for the tasks assigned to him.

10.5. If the Supplier should fail to perform his obligations under the Contract in accordance with the provisions laid down therein, Client may (without prejudice to its right to terminate the Contract) reduce or recover payments in proportion to the scale of the failure. Client can only exercise this right after the Supplier does not repair such failure within 15 days from notification by Client.

10.6. Client can monitor compliance with the standards.

11. LIABILITY

11.1. Client shall not be liable for damage sustained by the Supplier in performance of the Contract except in the event of willful misconduct or gross negligence on the part of Client.

11.2. The Supplier shall be liable for any loss or damage caused by himself in performance of the Contract. Client shall not be liable for any act or default on the part of the Supplier in performance of the Contract.

11.3. The Supplier shall provide compensation in the event of any action, claim or proceeding brought against Client by a third party as a result of damage caused by the Supplier in performance of the Contract.

11.4. The Supplier shall take out insurance against risks and damage relating to performance of the Contract if required by the relevant applicable legislation. He shall take out supplementary insurance as reasonably required by standard practice in the field. A copy of all the relevant insurance Contracts shall be sent to Client should it so request.

11.5. The Supplier declares:

- that he has not made and will not make any offer of any type whatsoever from which an advantage can be derived under the Contract,
- that he has not granted and will not grant, has not sought and will not seek, has not attempted and will not attempt to obtain, and has not accepted and will not accept, any advantage, financial or in kind, to or from any party whatsoever, where such advantage constitutes an illegal practice or involves corruption, either directly or indirectly, inasmuch as it is an incentive or reward relating to performance of the Contract.

12. TAXATION

The Supplier shall have sole responsibility for compliance with the tax laws, which apply to him. Failure to comply shall make the relevant invoices invalid.

13. FORCE MAJEURE

13.1. Force majeure shall mean any unforeseeable and exceptional situation or events beyond the control of the Contracting parties which prevents either of them from performing any of their obligations under the Contract, was not due to error or negligence on their part or on the part of the Supplier and could not have been avoided by the exercise of due diligence. Defects in equipment or material or delays in making it available, labor disputes, strikes or financial problems cannot be invoked as force majeure unless they stem directly from a relevant case of force majeure.

13.2. If either Contracting party is faced with *force majeure*, it shall notify the other party without delay by registered letter with acknowledgment of receipt or equivalent, stating the nature, likely duration and foreseeable effects.

13.3. Neither Contracting party shall be held in breach of its Contractual obligations if it has been prevented from performing them by *force majeure*. Where the Supplier is unable to perform his Contractual obligations owing to *force*

majeure, he shall have the right to remuneration only for tasks actually executed.

13.4. The Contracting parties shall take the necessary measures to reduce damage to a minimum.

14. TERMINATION OF THE CONTRACT

14.1. Client reserves the right to terminate this Contract by written notice and the Supplier undertakes to repay the expenses in the following cases:

- If the Supplier fails to perform the mandate under the terms of this Contract, or
- If the Supplier fails to fulfill any of the terms of this Contract, or
- Where Client seriously suspects the Supplier of fraud, corruption, involvement in a criminal organization or any other illegal activity detrimental to Client' financial interests.

14.2. With the exception of fraud, corruption, involvement in a criminal organization or any other illegal activity detrimental to Client' financial interests, this right can only be exercised by Client after such failure is not repaired by the Supplier within 15 days from notification by Client. In case of exercise of this right of the Supplier, the Contract ends on the day in which the notice was delivered to the Supplier. If the Supplier fails to repair above stated failures within 15 days from notification, the Client has right for contractual penalty in the amount of 2200 USD. The contractual penalty is due by the day when the Client exercises the right for contractual penalty.

14.3. The Client has also right to revoke the mandate without stating reason. In such case the Contract end on the day in which the revocation was delivered to the Supplier and the Client undertakes to pay to the Supplier respective part of the remuneration.

14.4. In case of premature termination of the Contract by the Client by notice because of fraud, corruption or involvement in a criminal organization or withdrawal from the Contract or premature termination of the Contract by the Supplier, the Supplier undertakes to pay to the Client contractual penalty in the amount of 2200 USD. The contractual penalty is due by the day when the Client exercises the right for contractual penalty.

14.5. In case of *force majeure*, notified in accordance with article 13.1., either Contracting party may terminate the Contract, where performance of mandate cannot be ensured in accordance with Article 3. of this Contract.

15. SUSPENSION OF THE CONTRACT

Without prejudice to Client's right to terminate the Contract, Client may at any time and for any reason suspend execution of the Contract, pending orders or specific Contracts or any part thereof. Suspension shall take effect on the day the Supplier receives notification by registered letter with acknowledgment of receipt or equivalent, or at a later date where the notification so provides. Client may at any time following suspension give notice to the Supplier to resume the mandate suspended. The Supplier shall not be entitled to claim compensation on account of suspension of the Contract, of the orders or specific Contracts, or of part thereof.

16. AMENDMENTS

16.1. Any amendment to this Contract must be in writing, signed by the parties hereto; failing which such amendment shall have no effect and be void.

17. APPLICABLE LAW AND SETTLEMENT OF DISPUTES

17.1. The Contract shall be governed by the national substantive and procedural law of the Czech Republic.

17.2. In the event of a dispute or a suspected or actual violation of the terms and conditions hereof they shall at first try in good faith together to settle the matter between themselves and only after this option turns out unproductive, they shall bring the matter before a court.

17.3. Any dispute between the parties resulting from the interpretation or application of this Contract, which cannot be settled amicably, shall be brought before the courts of the Czech Republic. The District Court of Prague 1 shall be competent court of first instance in the matters of this Contract.

18. PERSONAL DATA PROTECTION

18.1. The Client will hand over to the Supplier personal data necessary for due performance of this Contract (hereafter "Personal Data") and the Supplier will be in the position of data processor within meaning of EU General Data Protection Regulation 2016/679 (hereafter "GDPR"). Personal Data which will be handed to the Supplier are specified in Annex No. 6 to this Contract.

18.2. The Personal Data will be processed by the Supplier only within Contract period.

18.3. The Supplier undertakes to comply with all obligations set out in the personal data protection laws, mainly GDPR or Act No. 110/2019 Coll., Personal Data Processing Act, and keep personal data obtained from the Client confidential.

18.4. The Supplier undertakes to process Personal Data only on documented instructions of the Client and will inform the Client about any requirements for the transfer of Personal Data to a third country or international organization, unless the law provides that such information is not possible for important reasons of public interest.

18.5. The Supplier undertakes to ensure that person entitled to process Personal Data for him will keep Personal Data confidential based on law or contract.

18.6. The Supplier undertakes to keep conditions stated by Client for engagement of other data processor, mainly to choose other data processor with due care and request such guarantees from him, which will secure personal data protection at least in scope corresponding to level of protection of the Supplier and terms of GDPR. Engagement of other data processor is possible only with written consent of the Client.

18.7. The Supplier undertakes to cooperate with the Client in order to fulfil his duties which arise from request of personal data subjects regarding exercise of his rights and negotiations with supervisory authority.

18.8. The Supplier undertakes that personal data won´t be misused for his gain or gain of third person.

18.9. The Supplier hereby undertakes to take reasonable steps to ensure the reliability of any employee, agent or contractor of any other person who may have access to the Client´s personal data, ensuring in each case that access is strictly limited to those individuals who need to know or access the relevant Client´s personal data, for the necessary purposes of this Contract and to comply with applicable laws as GDPR or Act No. 110/2019 Coll., Personal Data Processing Act. The Supplier undertakes to ensure that all such individuals will be subject to confidentiality undertakings or professional or statutory obligations of confidentiality.

18.10. Taking into account the costs of implementation and the nature, scope, context and purposes of processing as well as the risks and severity for the rights and freedoms of natural persons, the Supplier shall in relation to the Client´s personal data implement appropriate technical and organizational measures to ensure a level of security appropriate to that risk, including, as appropriate, the measures.

18.11. The Supplier undertakes to cooperate with the Client on data protection assessment, security of Personal Data and reporting of personal data security breach.

18.12. The Supplier shall promptly notify the Client about receiving request from a data subject.

18.13. The Supplier shall notify the Client without undue delay and within 48 hours at the latest upon Supplier becoming aware of a Client´s Personal data breach providing Client with sufficient information to allow the Client to meet any obligations to report or inform data subjects or respective state bodies.

18.14. Supplier shall provide reasonable assistance to the Client with any data protection impact assessments, and prior consultations with supervising authorities or other competent data privacy authorities.

18.15. The Supplier will respect Client instructions. If the instruction is in contradiction with GDPR or respective laws, the Supplier shall notify the Client about such contradiction.

18.16. After termination of this Contract the Supplier will dispose of Client Personal Data or hand over all Client Personal Data to the Client, unless it is possible to keep Personal Data in accordance with GDPR.

18.17. If the Supplier gets personal data from personal data subject which he will hand over to the Client, he is obliged to get before processing such personal data written consent with data processing of the personal data subject or his legal representative in case that data subject is a child and this written consent hand over to the Client without undue delay if it isn´t possible to process personal data in accordance with GDPR without consent of personal data subject. The consent must be given on consent form which is Annex No. 7 to this Contract.

19. FINAL PROVISIONS

19.1. The Parties acknowledge that this Contract will be published in the contracts register in accordance with Act No. 340/2015 Coll., on the contracts register, as the Client is a liable party within the meaning of the act, and the Parties agree with the publication hereof. Publication shall be arranged by the Client within 30 days from signature of the Contract by both Parties.

19.2. The Contract becomes valid on the day of its signature and effective upon its publication in the register of contracts. The Client shall inform the Supplier about date of publishing in the contract register within two working days from the date of publishing via email message sent to the email address of the Supplier stated in this Contract.

19.3. This Contract is drawn up in three counterparts from which the Client will receive two counterparts and the Supplier will receive one counterpart.

Nerudova 3, 118 50 Prague 1
tel.: +420 251 108 130, fax: +420 251 108 225
www.czechaid.cz

List of Annexes:

Annex No. 1: Commercial Registration Certificate of the Supplier

Annex No. 2: Project Outputs

Annex No. 3: Project Documentation

Annex No. 4: Bill of Quantities for all project localities

Annex No. 5: Time Schedule

Annex No. 6: Personal data specification

Annex No. 7: Personal data subject consent form

For and on behalf of the Client	For and on behalf of the Supplier
Signed in Prague on	Signed in Hawassa on .....
.....	.....
Ing. Michal Minčev, MBA Director of the Czech Development Agency	Mr. Henok Tsegaye General Manager of the HY Engineering PLC

Sidaamu Dagoomu Qoqqowi Mootimma Daddalunna Dikkote
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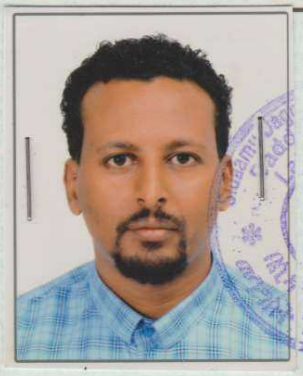
Sidama National Regional State Trade and Market Development Bureau

Seri/T/K № 016530



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የንግድ ምዝገባ ቁጥር SMD/STMB/2/0000554/2013
Principal Registration No
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Previous Registration No
የቀድሞው የምዝገባ ቀን
First Registration Date 12/8/2010
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Commercial Registration Certificate
Issued under Commercial Registration and Business license proc No. 980/2016

የግለሰቡ/ድርጅቱ ስም
ኤች ዋይ ኢንጂነሪንግ ኃላፊነቱ የተወሰነ የግል ማህበር

1.Owner/ Company Name
H Y ENGINEERING PLC

ዜግነት በኢትዮጵያ የተመዘገበ

2. Nationality Registered in Ethiopia

የሥራ አስኪያጅ ስም አቶ ሔኖክ ፀጋዬ ታደሰ

4. General Manager Name Mr. HENOK TSEGAYE TADESE

የንግድ ድርጅቱ አድራሻ

5. Business Address

ክልል ሲዳማ ዞን/ክፍለ ከተማ ሐዋሳ ከተማ
Region Sidama Zone/Sub City HAWASSA CI

ወረዳ ታቦር ቀበሌ ሂጣታ
Woreda TABOR Kebele HITATA

የቤት ቁጥር አዲስ/New ስልክ ቁጥር 0943986234
House No. አዲስ/New Tel. No 0943986234

ፋክስ ---- ኢ-ሜል ----
Fax ---- E-mail ----

የተፈቀደ ካፒታል በኢት. ብር 200,000.00
6. Capital in ETB 200,000.00

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በጀርባው ገፅ ይመልከቱ

7. Type of activities engaged
See Back Page

የግብር ከፋይ መለያ ቁጥር 0057735915 የተመዘገበ መሆኑን እናረጋግጣለን ::
has duly been registered under TIN 0057735915

ይህ የምዝገባ የምስክር ወረቀት ዛሬ 2/6/2013 ዓ.ም
This Registration Certification is issued in 2/9/2021

ሲዳማ ተሰጠ ::
on Sidama

Haanna Felleqe Guluma
ሀና ፈለቀ ጉሉማ
Daddalu Borronna Da/Fajjo Oggeette
የንግድ ምዝገባና ፍቃድ ባለሙያ
Trade Registration & Licensing Officer

የኃላፊ ስም
Official's Name

ፊርማ
Signature

ማህተም/Seal

ማስታወሻ፡- 1 ይህ የንግድ ምዝገባ የምስክር ወረቀት በዋስትና ወይም በእዳ ሊያዝ አይችልም።

B.S.S.P.E.

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ማኑፋክቸሪንግ

1 : AGRICULTURE, HUNTING, FORESTRY AND FISHING
8. FINANCIAL INTERMEDIATION, INSURANCE, REAL ESTATE AND BUSINE SERVICES
6 : WHOLESALE AND RETAIL TRADE; REPAIR, HOTELS AND RESTAURANT IMPORT AND EXPORT BUSINESSES
5 : CONSTRUCTION
7: TRANSPORT, STORAGE AND COMMUNICATION ACTIVITIES
9 : COMMUNITY, SOCIAL AND PERSONAL SERVICES
3 : MANUFACTURING

1.1.1 Yirgalem-Tula (Dale woreda)

Output 1.1 (YT): Drinking water supply system completion

Situation:
The newly built system will supply drinking water to 13,524 residents of Yirgalem and Tula kebele, part of Dale woreda.

The water supply system will be supplied with groundwater from a 150 m deep well located 600 m from the Addis Ababa - Nairobi motorway. From the well (Station-2), the water will be transported to a service reservoir with a capacity of 200 m^3 (Station-3). The water supply system will also include a booster station (Station-1) that will be used to transport water from the second 200 m^3 intake well to the existing 1,000 m3 reservoir. Groundwater from the well to the service reservoir will be led through pressure pipeline, as well as from the second intake well, to the existing reservoir. Other parts of the water supply system will be gravitational.

Within the system, 7 public supply points (WP1-WP7), 1 supply point for a school (WP8) and 1 supply point for a health centre (WP9) will be built. Two existing non-functional supply points (WP1-WP2) will also be connected to the system. A total of 9 supply points will be built.

The position of the well is tentatively drawn in Appendix 1 of this document (Project Documentation - Detail Design Report of Yirgalem Tula Community Water Supply and Sanitation Project (Dale Woreda, Sidama Zone, text part, figure 5.1). The water supply system is described in detail in the text part and shown in the drawing part of the same Appendix 1 (hereinafter also referred to as the YTCWSSP Project Documentation).

Indicators:

- Introductory information campaign conducted
- Distribution system with 9 supply points built and 2 existing supply points connected
- Satisfactory system pressure tests
- Satisfactory laboratory water analysis
- Records from water meters
- Inspection report on the connection of the system to the external electrical power network
- Information campaign during commissioning conducted

Verification sources:

- Project reports, monitoring reports, inspection days
- As-built documentation, including reports on pressure tests, system disinfection, inspection of the electrical equipment, including its connection and laboratory water analysis
- Control laboratory analyses (putting into permanent operation)
- Water supply system handover report

Activity 1.1.1 (YT) Information campaign

With regard to evoking interest of the local community that is necessary for cooperation in the implementation of the entire project, the implementing entity will carry out a motivational and information campaign before the start of the water infrastructure construction. A description of the course of the campaign, including the photo documentation, will be included in the project implementation interim report.

The Yirgal Tula community will be informed in detail about the construction work in advance of its commencement. The kebele chief will, together with the village leaders, be responsible for ensuring that the members of the community agree to the routing of the pipeline through the land allocated to them.

Furthermore, the community will be informed about the possibilities of participating in the project in the form of in-kind contribution and the possibilities of its involvement in the excavation work. If the community participates in the excavation work, persons will be elected from among them by the kebele management, whose task will be to mobilize the community and represent the target group during the implementation of the work.

The information campaign will also include the provision of information on the amount of the tariff and the advance (5 % of the investment costs).

Activity 1.1.2 (YT) Building the water infrastructure

The water infrastructure will be built based on the YTWSSE Project Documentation that has been approved by SWMED.

The following work will be performed within this activity:

1. Construction of water management facilities/objects (see the brief excerpt below and the YTCWSSP Project Documentation).
2. Pressure tests of the newly built system, disinfection of the distribution network (reservoir and the newly built water supply network).
3. Water quality verification (basic chemical analysis and bacteriological water analysis)
4. Putting the distribution system into trial operation.

The implementing entity will ensure that all necessary permits are obtained for the construction.

During activity 1.1.2., the implementing entity will submit to the Czech Development Agency, at monthly intervals, information on the state of the system construction, possible deviations from the material and time performance, including proposals for their solution and on the progress of construction in the form of an interim certificate confirmed by a person authorised by the contracting authority to carry out inspections during the construction of the system.

As part of the activity, the following water management and related facilities will be built in accordance with the Ethiopian legislation and standards:

- ***Pipelines***

– The piping from the well to the service reservoir will be made of steel, GI pipe, class B, complying with the IS 1239 or BS: 1387 international standard.

  The parameters of the pipeline for the pressure network are as follows:

  - 75 mm in the total length of 105.00 m in the well;

  - 100 mm in the total length of 900.00 m from the well to the service reservoir

– The distribution pipes to the WP1 – WP7 supply points will be made in HDPE, class PN-16.

  The parameters for the distribution network are as follows:

  - 200 mm in the total length of 22.00 m;

  - 160 mm in the total length of 278.25 m;

  - 110 mm in the total length of 1,203.30 m;

  - 75 mm in the total length of 501.90 m;

  - 63 mm in the total length of 386.40 m;

  - 50 mm in the total length of 1,977.15 m;

  - 32 mm in the total length of 29.40 m;

  - 25 mm in the total length of 9.45 m.

  On the distribution pipes, it is also necessary to take into account the passages under the local road (pressures, trenches), anchor blocks (4 pcs) and manholes (12 pcs).

  The construction of the pipelines, including the connection to the reservoirs, is specified in detail in the YTCWSSP Project Documentation.

  All materials in contact with water will meet the local requirements for the transport of water intended for human consumption.

  Excavations for laying pipes and their backfilling will be carried out by the implementing entity in all sites at its own expense. At the same time, the implementing entity is responsible for meeting all legislative and standard indicators for laying the relevant pipeline.

- ***Reservoir***

A reinforced concrete cylindrical object with an outer diameter of app. 9.6 m and a height of 4.4 m, inlet and outlet valve chamber. The reservoir (Station-3) will be fenced (dimensions 16 m x 16 m).

The construction of the reservoir is specified in detail in the YTWSSE Project Documentation. A total of 1 reservoir will be built.

- ***Intake well***

  A reinforced concrete cylindrical object with an outer diameter of app. 9.6 m and a height of 4.4 m, inlet and outlet valve chamber. The intake well (Station-1) will be fenced (dimensions 28 m x 14 m).

  The construction of the intake well is specified in detail in the YTWSSE Project Documentation. A total of 1 intake well will be built.

- ***Valve chambers***

  An inlet and outlet valve chamber will be connected to the reservoir. The inlet valve chamber - a stone structure with a concrete floor and reinforced concrete ceiling with dimensions of app. 2.4 m x 1.8 m x 1.9 m. The outlet valve chamber – a structure of similar construction with dimensions of app. 3.0 m x 2.8 m x 1.9 m.

  The construction of the valve chambers is specified in detail in the YTWSSE Project Documentation. A total of 2 sets of valve chambers will be built.

- ***Building for the generator***

  A brick building with a gabled roof with a floor plan of 6.6 x 4.6 m; one will be located near the well (Station-2), the other will stand at the booster reservoir (Station-1). The area near the well will be fenced app. 12 x 12 m.

  The construction of the building for the generator is specified in detail in the YTWSSE Project Documentation. A total of 2 buildings for the generator will be constructed.

- ***Public water point***

  A stone, brick and concrete building, solid plinth app. 24.4 m^2 - stone + concrete slab (30 cm + 20 cm), 6 water taps, steel manhole to the valve, land fencing app. 10 x 8 m + lockable gate, related plumbing material.

  The construction of the public water point is specified in detail in the YTWSSE Project Documentation.

  A total of 7 public water points will be built.

- ***School water point***

  A stone, brick and concrete building, solid plinth app. 10.2 m^2 - stone + concrete slab (30 cm + 20 cm), 8 water taps, steel manhole to the valve, land fencing app. 6 x 8 m + lockable gate, related plumbing material.

  The construction of the supply point is specified in detail in the YTWSSE Project Documentation.

  A total of 1 school water point will be built.

- ***Health centre water point***

  A stone, brick and concrete building, solid plinth app. 1.4 m^2 - stone + concrete slab (30 cm + 20 cm), 1 water tap, steel manhole to the valve, related plumbing material.

  The construction of the health centre water point is specified in detail in the YTWSSE Project Documentation.

  A total of 12 health centre water points will be built.

- ***Manholes***

  A stone building with a concrete floor and a reinforced concrete cover with dimensions of app. 1.5 m x 1.2 m x 1.5 m.

  The construction of the manholes is specified in detail in the YTWSSE Project Documentation.

  A total of 12 manholes will be built.

- ***Anchor blocks***

  A stone structure with floor plan dimensions of 100 cm x 40 cm (base) and 35 cm x 40 cm (dimensions in the place of the pipe support).

The construction of the anchor blocks is specified in detail in the YTWSSE Project Documentation.

A total of 4 anchor blocks will be built.

- ***Electrical and mechanical parts***

  The supply and installation of the electrical and mechanical parts will include two pumps, one submersible in a well with a capacity of 11l/s, the other one being a surface pump with a capacity of 23l/s. A diesel generator and transformer will be supplied with each pump.

  A detailed description of the individual parts is given in the YTWSSE Project Documentation.

Following the construction of the water management facilities and objects (for details, see the YTCWSSP Project Documentation), pressure tests of the system and disinfection of the newly built distribution network (including the reservoir) will be performed. The pressure tests of the pipelines will be performed in accordance with CSN 75 5911 Pressure tests of water supply and irrigation pipelines and CSN EN 805 (75 5011) Water supply - requirements for external networks and their components. The tests will be documented by a report certifying the compliance with the requirements of CSN.

After putting the system into trial operation, a total of 6 water samples will be taken to verify the water quality in order to determine the physical and chemical and bacteriological indicators, to the following minimum extent: pH, colour, turbidity, odour, conductivity, calcium, magnesium, sodium, potassium, iron, manganese, ammonium ions, chlorides, nitrates, nitrites, bicarbonates, sulphates, fluorides, total mineralisation, hardness, alkalinity, Escherichia coli, coliform bacteria.

Water samples will be taken from the following places:

- 200 m^3 service reservoir (outlet pipe from the reservoir);
- WP 2, WP 3, WP 6 and WP 7 supply points (sampling tap)
- 200 m^3 intake well (outlet pipe from the reservoir);

Sampling will be performed to sample boxes supplied by laboratories for the required determinations and handed over, immediately after sampling, to laboratories for accredited laboratory determinations. The results of the determination will be compared with the limit indicators of the World Health Organization (WHO) and Regulation No. 252/2004 Coll. that lays down hygienic requirements for drinking and hot water and the frequency and scope of drinking water inspections. If bacteriological indicators are detected, i.e. the presence of Escherichia coli and/or coliform bacteria in water samples, the entire system will be re-disinfected followed by control taking of 6 samples (to the extent and in the sampling points listed above).

The fulfilment of activity 1.1.2 means the completion of all works and putting of all related objects into trial operation, within which the quality and collectible amount of water from the hydrogeological well will be verified, enabling its long-term operation; and possible defects will be eliminated and unfinished work will be completed.

If it is not possible to ensure the connection of the well to the electrical power network at the time of completion of the construction of the system and putting it into trial operation (see activity 1.1.3), the system will be temporarily operated using a generator.

Within 1 month from putting the system into trial operation, the as-built documentation will be handed over to the Czech Development Agency, the project partner and the operator of the built system. This documentation, including the tests verifying the system capability and functionality (pressure tests, system disinfection, inspections of the electrical equipment and its wiring[1], laboratory water analyses, among others), will be submitted to all above entities in electronic form, and also in printed form to the project partner and the operator of the built system. This and all relevant documents related to the construction and commissioning of the system will be prepared in English and approved before distribution by an authorised person of the contracting authority.

Activity 1.1.3 (YT) Connection to the public electrical power network

As part of the activity, the implementing entity will provide, in accordance with the Ethiopian legislation and standards, the supply and installation of new transformers to ensure the operation of the existing collection well (Station 2) and pumping technology (Station 1). In case of both transformers, the works also include the connection

[1] The report on the connection of the system to the electrical power network can be delivered separately, but always within the time limit specified for the performance of activity 1.1.3

to the high voltage (HV) power line and the low voltage (LV) connection to the end technologies (pumps) and all related work (e.g. supply and installation of the electricity meter, switchboard and the related assembly work including but not limited to the connection of the pump, pump controls, generator switching) and charges.

The connection to the public electrical power network is specified in the YTCWSSP Project Documentation, Sections 6.3.3. and 6.4.3.

The performance of the work will be documented by a technical report and drawing part (wiring diagram) and a report verifying the capability of the electrical connection for operation according to the Ethiopian legislation. The above documents will be attached to the project implementation interim report.

The connection to the public electrical power network is a time-consuming process, so it is necessary to start negotiations on the supply of transformers with the relevant Ethiopian Electric Light and Power Authority (EELPA) office in Awassa immediately after the contractual relationship between the client and the implementing entity takes effect. The connection to the mains is expected in 2022-2023, but is required not later than 31 November 2023.

Activity 1.1.4 (YT) Handover of the water infrastructure

After field testing of at least 90 days and after eliminating all identified defects and deficiencies, the system will be put into permanent operation and a control verification of the water quality to the extent of sampling will be performed at the beginning of the test operation. A total of 6 water samples will be taken to determine the physical and chemical and bacteriological indicators, to the following minimum extent: pH, colour, turbidity, odour, conductivity, calcium, magnesium, sodium, potassium, iron, manganese, ammonium ions, chlorides, nitrates, nitrites, bicarbonates, sulphates, fluorides, total mineralisation, hardness, alkalinity, Escherichia coli, coliform bacteria from the following places:

- 200 m^3 service reservoir (outlet pipe from the reservoir);
- WP 2, WP 3, WP 6 and WP 7 supply points (sampling tap)
- 200 m^3 intake well (outlet pipe from the reservoir)

After proving the quality parameters and bacteriological safety of the water (to the extent of the monitored indicators), the built water supply system will be handed over to the water supply company "YTWSSE" not later than 31 March 2022.

The handover of the built water supply system will be documented by a handover report certifying, among other things, the capability of the built system for operation according to the Ethiopian legislation. The content of the report, which will be signed by the implementing entity, YTWSSE, SWMED and RW&IDB, will also include a certificate that YTWSSE is able to operate the system properly. The reports will be attached to the relevant project implementation interim report.

After putting the distribution system into full operation (after field testing), the implementing entity will also provide YTWSSE with data on the built distribution system to the extent required by the water resource registration system.

Simultaneously with the system commissioning, the implementing entity will conduct an information campaign. The target communities will be informed in detail about the completion of the construction work and the positions of the new supply points. A description of the course of the campaign, including photo documentation, will be included in the project implementation interim report.

1.1.2 Woreta Woyo (Bona Zuriya woreda)

Output 1.1 (WW): Drinking water supply system completion

Situation:
The newly built system will supply drinking water to 3,654 inhabitants of the Woreta Woyo kebele, part of Bona Zuriya woreda.

The water supply system will be supplied with groundwater from the WW-1 well using a reservoir with a capacity of 50 m^3. The WW-1 well is 180 m deep and is situated near a primary school. Groundwater from the well to the reservoir will be led through a steel pipe; from the reservoir, the water supply system will be distributed by gravity into two branches - right (2 supply points, WP-1, WP-2) and left (5 supply points, WP-3 to WP-5), where there

will also be connection points for the school (WP6) and the health centre (WP7). A total of 7 supply points[2] will be built.

The position of the well is tentatively drawn in Appendix 2 (Project Documentation - Detail Design Report of Woreta Woyo Kebele Community Water Supply and Sanitation Project, Bona Zuriya Woreda, Sidama, text part, figure 5.1). The water supply system is described in detail in the text part and shown in the drawing part of the same Appendix 2 (hereinafter referred to as the WWKCWSSP Project Documentation).

Indicators:

- Introductory information campaign conducted
- Distribution system with 7 supply points built
- Satisfactory system pressure tests
- Satisfactory laboratory water analysis
- Records from water meters
- Information campaign during commissioning conducted

Verification sources:

- Project reports, monitoring reports, inspection days
- As-built documentation, including reports on pressure tests, system disinfection, inspection of the electrical equipment, including its connection and laboratory water analysis
- Control laboratory analyses (putting into permanent operation)
- Water supply system handover report

Activity 1.1.1 (WW) Information campaign

With regard to evoking interest of the local community that is necessary for cooperation in the implementation of the entire project, the implementing entity will carry out a motivational and information campaign before the start of the water infrastructure construction. A description of the course of the campaign, including the photo documentation, will be included in the project implementation interim report.

The Woreta Woyo community will be informed in detail about the construction work in advance of its commencement. The kebele chief will, together with the village leaders, be responsible for ensuring that the members of the community agree to the routing of the pipeline through the land allocated to them.

Furthermore, the community will be informed about the possibilities of participating in the project in the form of in-kind contribution and the possibilities of its involvement in the excavation work If the community participates in the excavation work, persons will be elected from among them by the kebele management, whose task will be to mobilize the community and represent the target group during the implementation of the work.

The information campaign will also include the provision of information on the amount of the tariff and the advance (5 % of the investment costs).

Activity 1.1.2 (WW) Building the water structure

The water infrastructure will be built based on the WWKCWSSP Project Documentation that has been approved by SWMED.

The following work will be performed within this activity:

[2] The connection points are listed in the budget, section 7.1 Supply and installation of the pipes, including the related material, 7.5 Construction of a public water point, 7.6 Construction of a school water point, 7.7 Construction of a health centre water point.

1. Construction of the below water management facilities/objects (see the brief excerpt below and the WWKCWSSP Project Documentation).
2. Pressure tests of the newly built system, disinfection of the distribution network (reservoir and the newly built water supply network).
3. Water quality verification (basic chemical analysis and bacteriological water analysis)
4. Putting the distribution system into trial operation.

The implementing entity will ensure that all necessary permits are obtained for the construction.

During activity 1.1.2., the implementing entity will submit to the Czech Development Agency, at monthly intervals, information on the state of the system construction, possible deviations from the material and time performance, including proposals for their solution and on the progress of construction in the form of an interim certificate confirmed by a person authorised by the contracting authority to carry out inspections during the construction of the system.

As part of the activity, the following water management and related facilities will be built in accordance with the Ethiopian legislation and standards.

- ***Pipelines***

– The piping from the well to the reservoir will be made of steel, GI pipe, class B, complying with the IS 1239 or BS: 1387.

  The parameters of the pipeline for the pressure network are as follows:

  - 50 mm in the total length of 145.00 m in the WW-1 well

  - 50 mm in the total length of 752.85 m from the well to the reservoir

– The distribution pipes to the WP1 – WP7 supply points will be made in HDPE, class PN-16.

  The parameters for the distribution network are as follows:

  - 110 mm in the total length of 87.15 m;

  - 75 mm in the total length of 796.95 m;

  - 63 mm in the total length of 1,113.00 m;

  - 50 mm in the total length of 2,105.42 m;

  - 32 mm in the total length of 51.78 m;

  - 25 mm in the total length of 25.04 m.

  On the distribution pipes, it is also necessary to take into account the passages under the local road (pressures, trenches), anchor blocks (2 pcs) and manholes (6 pcs).

  The construction of the pipelines, including the connection to the reservoir, is specified in detail in the WWKCWSSP Project Documentation.

  All materials in contact with water will meet the local requirements for the transport of water intended for human consumption.

  Excavations for laying pipes and their backfilling will be carried out by the implementing entity in all sites at its own expense. At the same time, the implementing entity is responsible for meeting all legislative and standard indicators for laying the relevant pipeline.

- ***Reservoir***

  A reinforced concrete cylindrical object with an outer diameter of app. 6.5 m and a height of 2.6 m, inlet and outlet valve chamber. The reservoir (Station-1) will be fenced (dimensions 16 m x 16 m). The construction of the reservoir is specified in detail in the WWKCWSSP Project Documentation. A total of 1 reservoir with a 50 m^3 capacity will be built.

- ***Valve chambers***

  An inlet and outlet valve chamber will be connected to the reservoir. The inlet valve chamber - a stone structure with a concrete floor and reinforced concrete ceiling with dimensions of app. 2.4 m x 1.8 m x 1.9

m. The outlet valve chamber – a structure of similar construction with dimensions of app. 3.0 m x 2.8 m x 1.9 m.

The construction of the valve chambers is specified in detail in the WWKCWSSP Project Documentation. A total of 1 set of valve chambers will be built.

- ***Building for the generator***

  A brick building with a gabled roof with a floor plan of 6.6 x 4.6 m, located near the WW-1 well. The area (Station-2) will be fenced app. 12 m x 12 m.

  The construction of the building for the generator is specified in detail in the WWKCWSSP Project Documentation. A total of 1 building for the generator will be constructed

- ***Public water point***

  A stone, brick and concrete building, solid plinth app. 24.4 m2 - stone + concrete slab (30 cm + 20 cm), 6 water taps, steel manhole to the valve, land fencing app. 10 x 8 m + lockable gate, related plumbing material.

  The construction of the public water point is specified in detail in the WWKCWSSP Project Documentation.

  A total of 5 public water points will be built, 3 in the left and 2 in the right branch of the distribution network.

- ***School water point***

  A stone, brick and concrete building, solid plinth app. 10.2 m2 - stone + concrete slab (30 cm + 20 cm), 8 water taps, steel manhole to the valve, land fencing app. 6 x 8 m + lockable gate, related plumbing material.

  The construction of the supply point is specified in detail in the WWKCWSSP Project Documentation.

  A total of 1 school water point will be built (in the left branch of the distribution network).

- ***Health centre water point***

  A stone, brick and concrete building, solid plinth app. 1.4 m2 - stone + concrete slab (30 cm + 20 cm), 1 water tap, steel manhole to the valve, related plumbing material.

  The construction of the public water point is specified in detail in the WWKCWSSP Project Documentation.

  A total of one health centre water point will be built - in the left part of the distribution network.

- ***Manholes***

  A stone building with a concrete floor and a reinforced concrete cover with dimensions of app. 1.5 m x 1.2 m x 1.5 m.

  The construction of the manholes is specified in detail in the WWKCWSSP Project Documentation.

  A total of 6 manholes will be built.

- ***Anchor blocks***

  A stone structure with floor plan dimensions of 100 cm x 40 cm (base) and 35 cm x 40 cm (dimensions in the place of the pipe support).

  The construction of the anchor blocks is specified in detail in the WWKCWSSP Project Documentation.

  A total of 2 anchor blocks will be built.

- ***Electrical and mechanical parts***

  The supply and installation of the electrical and mechanical parts will include a submersible pump for the WW-1 well with a capacity of 1.6 l/s, a diesel generator.

  A detailed description is given in the WWKCWSSP Project Documentation.

Following the construction of the water management facilities and objects (for details, see the WWKCWSSP Project Documentation), pressure tests of the system and disinfection of the newly built distribution network (including the reservoir) will be performed. The pressure tests of the pipelines will be performed in accordance with CSN 75 5911 Pressure tests of water supply and irrigation pipelines and CSN EN 805 (75 5011) Water supply - requirements for external networks and their components. The tests will be documented by a report certifying the compliance with the requirements of CSN.

After putting the system into trial operation, a total of 3 water samples will be taken to verify the water quality in order to determine the physical and chemical and bacteriological indicators, to the following minimum extent: pH, colour, turbidity, odour, conductivity, calcium, magnesium, sodium, potassium, iron, manganese, ammonium ions, chlorides, nitrates, nitrites, bicarbonates, sulphates, fluorides, total mineralisation, hardness, alkalinity, Escherichia coli, coliform bacteria.

Water samples will be taken from the following places:

- 50 m^3 reservoir (outlet pipe from the reservoir);
- WP 2, WP 5 supply points (sampling tap)

Sampling will be performed to sample boxes supplied by laboratories for the required determinations and handed over, immediately after sampling, to laboratories for accredited laboratory determinations. The results of the determination will be compared with the limit indicators of the World Health Organization (WHO) and Regulation No. 252/2004 Coll. that lays down hygienic requirements for drinking and hot water and the frequency and scope of drinking water inspections. If bacteriological indicators are detected, i.e. the presence of Escherichia coli and/or coliform bacteria in water samples, the entire system will be re-disinfected followed by control taking of 4 samples (to the extent and in the sampling points listed above).

The fulfilment of activity 1.1.2 means the completion of all works and putting of all related objects into trial operation, within which the quality and collectible amount of water from the hydrogeological well will be verified, enabling its long-term operation; and possible defects will be eliminated and unfinished work will be completed.

Within 1 month from putting the system into trial operation, the as-built documentation will be handed over to the Czech Development Agency, the project partner and the operator of the built system. This documentation, including the tests verifying the system capability and functionality (pressure tests, system disinfection, laboratory water analyses, among others), will be submitted to all above entities in electronic form, and also in printed form to the project partner and the operator of the built system. This and all relevant documents related to the construction and commissioning of the system will be prepared in English and approved before distribution by an authorised person of the contracting authority.

Activity 1.1.4 (WW) Handover of the water infrastructure

After field testing of at least 90 days and after eliminating all identified defects and deficiencies, the system will be put into permanent operation and a control verification of the water quality to the extent of sampling will be performed at the beginning of the test operation. A total of 4 water samples will be taken to determine the physical and chemical and bacteriological indicators, to the following minimum extent: pH, colour, turbidity, odour, conductivity, calcium, magnesium, sodium, potassium, iron, manganese, ammonium ions, chlorides, nitrates, nitrites, bicarbonates, sulphates, fluorides, total mineralisation, hardness, alkalinity, Escherichia coli, coliform bacteria from the following places:

- 50 m^3 reservoir – (outlet pipe from the reservoir);
- WP 1, WP 2 and WP 5 supply points (sampling tap)

After proving the quality parameters and bacteriological safety of the water (to the extent of the monitored indicators), the built water supply system will be handed over to WASHCO not later than 31 March 2022.

The handover of the built water supply system will be documented by a handover report certifying, among other things, the capability of the built system for operation according to the Ethiopian legislation. The content of the report, which will be signed by the implementing entity, WASHCO, SWMED and RW&IDB, will also include a certificate that WASHCO is able to operate the system properly. The reports will be attached to the relevant project implementation interim report.

After putting the distribution system into full operation (after field testing), the implementing entity will also provide WWMEO with data on the built distribution system to the extent required by the water resource registration system.

Simultaneously with the system commissioning, the implementing entity will conduct an information campaign. The target communities will be informed in detail about the completion of the construction work and the positions of the new supply points. A description of the course of the campaign, including the photo documentation, will be included in the project implementation interim report.

1.1.3 Hamesho Kebena (Bura woreda)

Output 1.1 (HK): Drinking water supply system completion

Situation:
The newly built system will supply drinking water to 7,252 inhabitants of Hamesho Kebena kebele, now part of Bura woreda (still Bensa woreda at the time of creation of the detailed designs).

The water supply system will be supplied with groundwater from the HA-1 well using a reservoir with a capacity of 100 m^3. The HA-1 well is 169 m deep and is situated near a primary school. Groundwater from the well into the reservoir will be led by steel pipeline; from the reservoir, the water system will be distributed by gravity into two branches - left (1 supply point, WP-1) and right (6 supply points; WP2-WP-5), where there will also be school and health centre connection points. A total of 7 supply points will be built[3].

The position of the well is tentatively drawn in Appendix 3 (Project Documentation – Detail Design Report of Hamesho Kebena Community Water Supply and Sanitation Project, Bensa Woreda, Sidama Zone, text part, figure 5.1). The water supply system is described in detail in the text part and shown in the drawing part of the same Appendix 3 (hereinafter referred to as the HKCWSSP Project Documentation).

Indicators:

- Introductory information campaign conducted
- Distribution system with 7 supply points built
- Satisfactory system pressure tests
- Satisfactory laboratory water analysis
- Records from water meters
- Inspection report on the system connection to an external electrical power network
- Information campaign during commissioning conducted

Verification sources:

- Project reports, monitoring reports, inspection days
- As-built documentation, including reports on pressure tests, system disinfection, inspection of the electrical equipment, including its connection and laboratory water analysis
- Control laboratory analyses (putting into permanent operation)
- Water supply system handover report

Activity 1.1.1 (HK) Information campaign

With regard to evoking interest of the local community that is necessary for cooperation in the implementation of the entire project, the implementing entity will carry out a motivational and information campaign before the start of the water infrastructure construction. A description of the course of the campaign, including the photo documentation, will be included in the project implementation interim report.

The Hamesho Kebena community will be informed in detail about the construction work in advance of its commencement. The kebele chief will, together with the village leaders, be responsible for ensuring that the members of the community agree to the routing of the pipeline through the land allocated to them.

Furthermore, the community will be informed about the possibilities of participating in the project in the form of in-kind contribution and the possibilities of its involvement in the excavation work If the community participates

[3] The connection points are listed in the budget, section 7.1 Supply and installation of the pipes, including the related material, 7.5 Construction of a public water point, 7.6 Construction of a school water point, 7.7 Construction of a health centre water point.

in the excavation work, persons will be elected from among them by the kebele management, whose task will be to mobilize the community and represent the target group during the implementation of the work.

The information campaign will also include the provision of information on the amount of the tariff and the advance (5 % of the investment costs).

Activity 1.1.2 (HK) Building the water structure

The water infrastructure will be built based on the HKCWSSP Project Documentation that has been approved by SWMED.

The following work will be performed within this activity:

1. Construction of water management facilities/objects (see the brief excerpt below and the HKCWSSP Project Documentation.
2. Pressure tests of the newly built system, disinfection of the distribution network (reservoir and the newly built water supply network).
3. Water quality verification (basic chemical analysis and bacteriological water analysis)
4. Putting the distribution system into trial operation.

The implementing entity will ensure that all necessary permits are obtained for the construction.

During activity 1.1.2., the implementing entity will submit to the Czech Development Agency, at monthly intervals, information on the state of the system construction, possible deviations from the material and time performance, including proposals for their solution and on the progress of construction in the form of an interim certificate confirmed by a person authorised by the contracting authority to carry out inspections during the construction of the system.

As part of the activity, the following water management and related facilities will be built in accordance with the Ethiopian legislation and standards.

- ***Pipelines***

– The piping from the well to the reservoir will be made of steel, GI pipe, class B, complying with the IS 1239 or BS: 1387.

  The parameters of the pipeline for the pressure network are as follows:

  - 63 mm in the total length of 130.00 m in the HA-1 well

  - 63 mm in the total length of 1,029.00 m from the well to the reservoir

– The distribution pipes to the WP-1 - WP-5 supply points and the school water point and health centre water point will be made in HDPE, Class-PN-16.

  The parameters for the distribution network are as follows:

  - 160 mm in the total length of 18.90 m;

  - 110 mm in the total length of 310.80 m;

  - 90 mm in the total length of 408.45 m;

  - 75 mm in the total length of 600.60 m;

  - 63 mm in the total length of 1,006.95 m;

  - 50 mm in the total length of 1,597.05 m;

  - 32 mm in the total length of 16.80 m;

  - 25 mm in the total length of 31.50 m.

  On the distribution pipes, it is also necessary to take into account the passages under the local road (pressures, trenches), anchor blocks (4 pcs) and manholes (6 pcs).

  The construction of the pipelines, including the connection to the reservoir, is specified in detail in the HKCWSSP Project Documentation.

All materials in contact with water will meet the local requirements for the transport of water intended for human consumption.

Excavations for laying pipes and their backfilling will be carried out by the implementing entity in all sites at its own expense. At the same time, the implementing entity is responsible for meeting all legislative and standard indicators for laying the relevant pipeline.

- ***Reservoir***

A reinforced concrete cylindrical object with an outer diameter of app. 7.7 m and a height of 3.2 m, inlet and outlet valve chamber. The reservoir (Station-1) will be fenced (dimensions 16 m x 16 m).

The construction of the reservoir is specified in detail in the HKCWSSP Project Documentation. A total of 1 reservoir with a 100 m^3 capacity will be built.

- ***Valve chambers***

An inlet and outlet valve chamber will be connected to the reservoir. The inlet valve chamber - a stone structure with a concrete floor and reinforced concrete ceiling with dimensions of app. 2.4 m x 1.8 m x 1.9 m. The outlet valve chamber – a structure of similar construction with dimensions of app. 3.0 m x 2.8 m x 1.9 m.

The construction of the valve chambers is specified in detail in the HKCWSSP Project Documentation. A total of 1 set of valve chambers will be built.

- ***Building for the generator***

A brick building with a saddle roof with a floor plan of 6.6 m x 4.6 m, located near the HA-1 well. The area (Station-2) will be fenced app. 12 m x 12 m.

The construction of the building for the generator is specified in detail in the HKCWSSP Project Documentation. A total of 1 building for the generator will be constructed

- ***Public water point***

A stone, brick and concrete building, solid plinth app. 24.4 m^2 - stone + concrete slab (30 cm + 20 cm), 6 water taps, steel manhole to the valve, land fencing app. 10 x 8 m + lockable gate, related plumbing material.

The construction of the public water point is specified in detail in the HKCWSSP Project Documentation.

A total of 5 public water points will be built, 1 in the left and 4 in the right branch of the distribution network.

- ***School water point***

A stone, brick and concrete building, solid plinth app. 10.2 m^2 - stone + concrete slab (30 cm + 20 cm), 8 water taps, steel manhole to the valve, land fencing app. 6 x 8 m + lockable gate, related plumbing material.

The construction of the supply point is specified in detail in the HKCWSSP Project Documentation.

A total of 1 school water point will be built (in the right branch of the distribution network).

- ***Health centre water point***

A stone, brick and concrete building, solid plinth app. 1.4 m2 - stone + concrete slab (30 cm + 20 cm), 1 water tap, steel manhole to the valve, related plumbing material.

The construction of the public water point is specified in detail in the HKCWSSP Project Documentation.

A total of one health centre water point will be built - in the right part of the distribution network.

- ***Manholes***

A stone building with a concrete floor and a reinforced concrete cover with dimensions of app. 1.5 m x 1.2 m x 1.5 m.

The construction of the manholes is specified in detail in the HKCWSSP Project Documentation.

A total of 6 manholes will be built.

- ***Anchor blocks***

A stone structure with floor plan dimensions of 100 cm x 40 cm (base) and 35 cm x 40 cm (dimensions in the place of the pipe support).

The construction of the anchor blocks is specified in detail in the HKCWSSP Project Documentation.

A total of 4 anchor blocks will be built.

- ***Electrical and mechanical parts***

  The supply and installation of the electrical and mechanical parts will include a submersible pump for the HA-1 well with a capacity of 4 l/s, a diesel generator and transformer.

  A detailed description is given in the HKCWSSP Project Documentation.

Following the construction of the water management facilities and objects (for details, see the HKCWSSP Project Documentation), pressure tests of the system and disinfection of the newly built distribution network (including the reservoir) will be performed. The pressure tests of the pipelines will be performed in accordance with CSN 75 5911 Pressure tests of water supply and irrigation pipelines and CSN EN 805 (75 5011) Water supply - requirements for external networks and their components. The tests will be documented by a report certifying the compliance with the requirements of CSN.

After putting the system into trial operation, a total of 4 water samples will be taken to verify the water quality in order to determine the physical and chemical and bacteriological indicators, to the following minimum extent: pH, colour, turbidity, odour, conductivity, calcium, magnesium, sodium, potassium, iron, manganese, ammonium ions, chlorides, nitrates, nitrites, bicarbonates, sulphates, fluorides, total mineralisation, hardness, alkalinity, Escherichia coli, coliform bacteria.

Water samples will be taken from the following places:

- 100 m^3 reservoir (outlet pipe from the reservoir);
- WP 1, WP 2, WP 5 supply points (sampling tap)

Sampling will be performed to sample boxes supplied by laboratories for the required determinations and handed over, immediately after sampling, to laboratories for accredited laboratory determinations. The results of the determination will be compared with the limit indicators of the World Health Organization (WHO) and Regulation No. 252/2004 Coll. that lays down hygienic requirements for drinking and hot water and the frequency and scope of drinking water inspections. If bacteriological indicators are detected, i.e. the presence of Escherichia coli and/or coliform bacteria in water samples, the entire system will be re-disinfected followed by control taking of 4 samples (to the extent and in the sampling points listed above).

The fulfilment of activity 1.1.2 means the completion of all works and putting of all related objects into trial operation, within which the quality and collectible amount of water from the hydrogeological well will be verified, enabling its long-term operation; and possible defects will be eliminated and unfinished work will be completed.

If it is not possible to ensure the connection of the well to the electrical power network at the time of completion of the construction of the system and putting it into trial operation (see activity 1.1.3), the system will be temporarily operated using a generator

Within 1 month from putting the system into trial operation, the as-built documentation will be handed over to the Czech Development Agency, the project partner and the operator of the built system. This documentation, including the tests verifying the system capability and functionality (pressure tests, system disinfection, inspection of the electrical equipment and its connection[4], laboratory water analyses), will be submitted to all above entities in electronic form, and also in printed form to the project partner and the operator of the built system. This and all relevant documents related to the construction and commissioning of the system will be prepared in English and approved before distribution by an authorised person of the contracting authority.

Activity 1.1.3 (HK) Connection to the public electrical power network

As part of the activity, the implementing entity will provide, in accordance with the Ethiopian legislation and standards, the supply and installation of new transformers to ensure the operation of the existing collection well (Station 2). The works also include the connection to the high voltage (HV) power line and the low voltage (LV) connection to the end technologies (pumps) and all related work (e.g. supply and installation of the electricity

[4] The report on the connection of the system to the electrical power network can be delivered separately, but always within the time limit specified for the performance of activity 2.1.3

meter, switchboard and the related assembly work including but not limited to the connection of the pump, pump controls, generator switching) and charges.

The connection to the public electrical power network is specified in the HKCWSSP Project Documentation, Sections 6.3.3. and 6.4.3.

The performance of the work will be documented by a technical report and drawing part (wiring diagram) and a report verifying the capability of the electrical connection for operation according to the Ethiopian legislation. The above documents will be attached to the project implementation interim report.

The connection to the public electrical power network is a time-consuming process, so it is necessary to start negotiations on the supply of transformers with the relevant Ethiopian Electric Light and Power Authority (EELPA) office in Awassa immediately after the contractual relationship between the client and the implementing entity takes effect. The connection to the mains is expected in 2022-2023, but is required not later than 31 November 2023.

Activity 1.1.4 (HK) Handover of the water infrastructure

After field testing of at least 90 days and after eliminating all identified defects and deficiencies, the system will be put into permanent operation and a control verification of the water quality to the extent of sampling will be performed at the beginning of the test operation. A total of 4 water samples will be taken to determine the physical and chemical and bacteriological indicators, to the following minimum extent: pH, colour, turbidity, odour, conductivity, calcium, magnesium, sodium, potassium, iron, manganese, ammonium ions, chlorides, nitrates, nitrites, bicarbonates, sulphates, fluorides, total mineralisation, hardness, alkalinity, Escherichia coli, coliform bacteria from the following places:

- 100 m^3 reservoir – (outlet pipe from the reservoir);
- WP 1, WP 2 and WP 5 supply points (sampling tap)

After proving the quality parameters and bacteriological safety of the water (to the extent of the monitored indicators), the built water supply system will be handed over to WASHCO not later than 30 June 2023.

The handover of the built water supply system will be documented by a handover report certifying, among other things, the capability of the built system for operation according to the Ethiopian legislation. The content of the report, which will be signed by the implementing entity, WASHCO, SWMED and RW&IDB, will also include a certificate that WASHCO is able to operate the system properly. The reports will be attached to the relevant project implementation interim report.

After putting the distribution system into full operation (after field testing), the implementing entity will also provide WWMEO with data on the built distribution system to the extent required by the water resource registration system.

Simultaneously with the system commissioning, the implementing entity will conduct an information campaign. The target communities will be informed in detail about the completion of the construction work and the positions of the new supply points. A description of the course of the campaign, including the photo documentation, will be included in the project implementation interim report.

1.1.4 Shoye a Dageya (Dale woreda)

Output 1.1 (SD): Drinking water supply system completion

Situation:
The newly built system will supply drinking water to 3,780 inhabitants of Shoye kebele and 3,734 inhabitants of Dageya kebele, part of Dale woreda.

The water supply system will be supplied with groundwater from a 170 metre deep well located app. 30 m from the Shoye - Dageya road. The water supply system will include two reservoirs, each with a capacity of 100 m^3. One reservoir will be for Shoye kebele and the other for Dageya kebele. Groundwater from the well to the reservoirs will go through a steel pipe; from the reservoir, the water supply system will be distributed by gravity to the supply points. In Dageya kebele, there will be 5 public supply points (WP1-WP5) and 1 one school water

point (WP10) and 1 health centre water point (WP11). In Shoya kebele, there will be 4 public supply points (WP6-WP9) and 1 health centre water point (WP12). A total of 12 supply points will be built[5].

The position of the well is tentatively drawn in Appendix 4 (Project Documentation - Detail Design Report of Shoye&Dageya Communities Water Supply and Sanitation Project, Dale Woreda, Sidama Zone, text part, figure 5.1). The water supply system is described in detail in the text part and shown in the drawing part of the same Appendix 4 (hereinafter referred to as the SDCWSSP Project Documentation).

Indicators:

- Introductory information campaign conducted
- Distribution system with 12 supply points completed
- Satisfactory system pressure tests
- Satisfactory laboratory water analysis
- Records from water meters
- Inspection report on the system connection to an external electrical power network
- Information campaign during commissioning conducted

Verification sources:

- Project reports, monitoring reports, inspection days
- As-built documentation, including reports on pressure tests, system disinfection, inspection of the electrical equipment, including its connection and laboratory water analysis
- Control laboratory analyses (putting into permanent operation)
- Water supply system handover report

Activity 1.1.1 (SD) Information campaign

With regard to evoking interest of the local community that is necessary for cooperation in the implementation of the entire project, the implementing entity will carry out a motivational and information campaign before the start of the water infrastructure construction in all kebeles concerned.. A description of the course of the campaign, including the photo documentation, will be included in the project implementation interim report.

The Shoye and Dageya communities will be informed in detail about the construction work in advance of its commencement. The chiefs of the kebeles will, together with the village leaders, be responsible for ensuring that the members of the community agree to the routing of the pipeline through the land allocated to them

Furthermore, the community will be informed about the possibilities of participating in the project in the form of in-kind contribution and the possibilities of its involvement in the excavation work If the community participates in the excavation work, persons will be elected from among them by the kebele management, whose task will be to mobilize the community and represent the target group during the implementation of the work.

The information campaign will also include the provision of information on the amount of the tariff and the advance (5 % of the investment costs).

Activity 1.1.2 (SD) Building the water structure

The water infrastructure will be built based on the SDCWSSP Project Documentation that has been approved by SWMED.

[5] The connection points are listed in the budget, section 7.1 Supply and installation of the pipes, including the related material, 7.5 Construction of a public water point, 7.6 Construction of a school water point, 7.7 Construction of a health centre water point.

The following work will be performed within this activity:

1. Construction of the below-described water management facilities/objects.
2. Pressure tests of the newly built system, disinfection of the distribution network (reservoir and the newly built water supply network).
3. Water quality verification (basic chemical analysis and bacteriological water analysis)
4. Putting the distribution system into trial operation.

The implementing entity will ensure that all necessary permits are obtained for the construction.

During activity 1.1.2., the implementing entity will submit to the Czech Development Agency, at monthly intervals, information on the state of the system construction, possible deviations from the material and time performance, including proposals for their solution and on the progress of construction in the form of an interim certificate confirmed by a person authorised by the contracting authority to carry out inspections during the construction of the system.

As part of the activity, the following water management and related facilities will be built in accordance with the Ethiopian legislation and standards.

- ***Pipelines***

– The piping from the well to the reservoir will be made of steel, GI pipe, class B, complying with the IS 1239 or BS: 1387.

  The parameters of the pipeline for the pressure network are as follows:

  - 50 mm in the total length of 135.00 m in the well;

  - 50 mm in the total length of 3,016.7 m from the well to the reservoir

– The distribution pipes to the WP1 – WP7 supply points will be made in HDPE, class PN-16.

  The parameters for the distribution network are as follows:

  - 110 mm in the total length of 1,035 m;

  - 90 mm in the total length of 446 m;

  - 75 mm in the total length of 2,583 m;

  - 63 mm in the total length of 331 m;

  - 50 mm in the total length of 2,984 m;

  - 32 mm in the total length of 82 m;

  - 25 mm in the total length of 6 m.

  On the distribution pipes, it is also necessary to take into account the passages under the local road (pressures, trenches), anchor blocks (4 pcs) and manholes (9 pcs).

  The construction of the pipelines, including the connection to the reservoir, is specified in detail in the SDCWSSP Project Documentation.

  All materials in contact with water will meet the local requirements for the transport of water intended for human consumption.

  Excavations for laying pipes and their backfilling will be carried out by the implementing entity in all sites at its own expense. At the same time, the implementing entity is responsible for meeting all legislative and standard indicators for laying the relevant pipeline.

- ***Reservoir***

  A reinforced concrete cylindrical object with an outer diameter of app. 8 m and a height of 3.2 m, inlet and outlet valve chamber. The reservoirs (Station-1A and Station-1B) will be fenced (dimensions 16 m x 16 m).

  The construction of the reservoir is specified in detail in the SDCWSSP Project Documentation. A total of 2 reservoirs will be built, each with a 100 m^3 capacity.

- ***Valve chambers***

  An inlet and outlet valve chamber will be connected to the reservoir. The inlet valve chamber - a stone structure with a concrete floor and reinforced concrete ceiling with dimensions of app. 2.4 m x 1.8 m x 1.9 m. The outlet valve chamber – a structure of similar construction with dimensions of app. 3.0 m x 2.8 m x 1.9 m.

  The construction of the valve chambers is specified in detail in the SDCWSSP Project Documentation. A total of 2 sets of valve chambers will be built.

- ***Building for the generator***

  A brick building with a gabled roof with a floor plan of 6.6 x 4.6 m, located near the well. The area (Station-2) will be fenced app. 12 x 12 m.

  The construction of the building for the generator is specified in detail in the SDCWSSP Project Documentation. A total of 1 building for the generator will be constructed

- ***Public water point***

  A stone, brick and concrete building, solid plinth app. 24.4 m2 - stone + concrete slab (30 cm + 20 cm), 6 water taps, steel manhole to the valve, land fencing app. 10 x 8 m + lockable gate, related plumbing material.

  The construction of the public water point is specified in detail in the SDCWSSP Project Documentation.

  A total of 9 public water points will be built, 5 in Dageya kebele and 4 in Shoya kebele.

- ***School water point***

  A stone, brick and concrete building, solid plinth app. 10.2 m^2 - stone + concrete slab (30 cm + 20 cm), 8 water taps, steel manhole to the valve, land fencing app. 6 x 8 m + lockable gate, related plumbing material.

  The construction of the supply point is specified in detail in the SDCWSSP Project Documentation.

  A total of 1 school water point will be built in Dageya kebele.

- ***Health centre water point***

  A stone, brick and concrete building, solid plinth app. 1.4 m2 - stone + concrete slab (30 cm + 20 cm), 1 water tap, steel manhole to the valve, related plumbing material.

  The construction of the public water point is specified in detail in the SDCWSSP Project Documentation.

  A total of 2 health centre water points will be built, 1 in Dageya kebele and 1 in Shoya kebele.

- ***Manholes***

  A stone building with a concrete floor and a reinforced concrete cover with dimensions of app. 1.5 m x 1.2 m x 1.5 m.

  The construction of the manholes is specified in detail in the SDCWSSP Project Documentation.

  A total of 9 manholes will be built.

- ***Anchor blocks***

  A stone structure with floor plan dimensions of 100 cm x 40 cm (base) and 35 cm x 40 cm (dimensions in the place of the pipe support).

  The construction of the anchor blocks is specified in detail in the SDCWSSP Project Documentation.

  A total of 4 anchor blocks will be built.

- ***Electrical and mechanical parts***

  The supply and installation of the electrical and mechanical parts will include a submersible pump for the well with a capacity of 6 l/s, a diesel generator and transformer.

  A detailed description of the individual parts is given in the SDCWSSP Project Documentation.

Following the construction of the water management facilities and objects (for details, see the SDCWSSP Project Documentation), pressure tests of the system and disinfection of the newly built distribution network (including

the reservoir) will be performed. The pressure tests of the pipelines will be performed in accordance with CSN 75 5911 Pressure tests of water supply and irrigation pipelines and CSN EN 805 (75 5011) Water supply - requirements for external networks and their components. The tests will be documented by a report certifying the compliance with the requirements of CSN.

After putting the system into trial operation, a total of 7 water samples will be taken to verify the water quality in order to determine the physical and chemical and bacteriological indicators, to the following minimum extent: pH, colour, turbidity, odour, conductivity, calcium, magnesium, sodium, potassium, iron, manganese, ammonium ions, chlorides, nitrates, nitrites, bicarbonates, sulphates, fluorides, total mineralisation, hardness, alkalinity, Escherichia coli, coliform bacteria.

Water samples will be taken from the following places:

- 2 100 m^3 reservoirs (always an outlet pipe from the reservoir);
- WP 1, WP 3, WP 5, WP 7 and WP 9 supply points (sampling tap)

Sampling will be performed to sample boxes supplied by laboratories for the required determinations and handed over, immediately after sampling, to laboratories for accredited laboratory determinations. The results of the determination will be compared with the limit indicators of the World Health Organization (WHO) and Regulation No. 252/2004 Coll. that lays down hygienic requirements for drinking and hot water and the frequency and scope of drinking water inspections. If bacteriological indicators are detected, i.e. the presence of Escherichia coli and/or coliform bacteria in water samples, the entire system will be re-disinfected followed by control taking of 7 samples (to the extent and in the sampling points listed above).

The fulfilment of activity 1.1.2 means the completion of all works and putting of all related objects into trial operation, within which the quality and collectible amount of water from the hydrogeological well will be verified, enabling its long-term operation; and possible defects will be eliminated and unfinished work will be completed.

If it is not possible to ensure the connection of the well to the electrical power network at the time of completion of the construction of the system and putting it into trial operation (see activity 1.1.3), the system will be temporarily operated using a generator

Within 1 month from putting the system into trial operation, the as-built documentation will be handed over to the Czech Development Agency, the project partner and the operator of the built system. This documentation, including the tests verifying the system capability and functionality (pressure tests, system disinfection, inspection of the electrical equipment and its connection[6], laboratory water analyses), will be submitted to all above entities in electronic form, and also in printed form to the project partner and the operator of the built system. This and all relevant documents related to the construction and commissioning of the system will be prepared in English and approved before distribution by an authorised person of the contracting authority.

Activity 1.1.3 (SD) Connection to the public electrical power network

As part of the activity, the implementing entity will provide, in accordance with the Ethiopian legislation and standards, the supply and installation of new transformers to ensure the operation of the existing collection well (Station 2). The works also include the connection to the high voltage (HV) power line and the low voltage (LV) connection to the end technologies (pumps) and all related work (e.g. supply and installation of the electricity meter, switchboard and the related assembly work including but not limited to the connection of the pump, pump controls, generator switching) and charges.

The connection to the public electrical power network is specified in the SDCWSSP Project Documentation, Sections 6.3.3. and 6.4.3.

The performance of the work will be documented by a technical report and drawing part (wiring diagram) and a report verifying the capability of the electrical connection for operation according to the Ethiopian legislation. The above documents will be attached to the project implementation interim report.

The connection to the public electrical power network is a time-consuming process, so it is necessary to start negotiations on the supply of transformers with the relevant Ethiopian Electric Light and Power Authority (EELPA) office in Awassa immediately after the contractual relationship between the client and the implementing

[6] The report on the connection of the system to the electrical power network can be delivered separately, but always within the time limit specified for the performance of activity 3.1.3

entity takes effect. The connection to the mains is expected in 2022-2023, but is required not later than 31 November 2023.

Activity 1.1.4 (SD) Handover of the water infrastructure

After field testing of at least 90 days and after eliminating all identified defects and deficiencies, the system will be put into permanent operation and a control verification of the water quality to the extent of sampling will be performed at the beginning of the test operation. A total of 67water samples will be taken to determine the physical and chemical and bacteriological indicators, to the following minimum extent: pH, colour, turbidity, odour, conductivity, calcium, magnesium, sodium, potassium, iron, manganese, ammonium ions, chlorides, nitrates, nitrites, bicarbonates, sulphates, fluorides, total mineralisation, hardness, alkalinity, Escherichia coli, coliform bacteria from the following places:

- 2 100 m^3 reservoirs (always an outlet pipe from the reservoir);
- WP 1, WP 3, WP 5, WP 7 and WP 9 supply points (sampling tap)

After proving the quality parameters and bacteriological safety of the water (to the extent of the monitored indicators), the built water supply system will be handed over to WASHCO not later than 30 June 2023.

The handover of the built water supply system will be documented by a handover report certifying, among other things, the capability of the built system for operation according to the Ethiopian legislation. The content of the report, which will be signed by the implementing entity, WASHCO, SWMED and RW&IDB, will also include a certificate that WASHCO is able to operate the system properly. The reports will be attached to the relevant project implementation interim report.

After putting the distribution system into full operation (after field testing), the implementing entity will also provide WWMEO with data on the built distribution system to the extent required by the water resource registration system.

Simultaneously with the system commissioning, the implementing entity will conduct an information campaign. The target communities will be informed in detail about the completion of the construction work and the positions of the new supply points. A description of the course of the campaign, including the photo documentation, will be included in the project implementation interim report.

Annex no. 3 of the Contract Ref. No. 283178/2023-ČRA – Project Documentation (in electronic form)

Annex no. 4 of the Contract Ref. No. 283178/2023-ČRA – Bill of Quantities for all project localities (in electronic form)

Časový harmonogram

Příloha č. 5 dodatku č. j. 283178/2023-ČRA

Rozvržení výstupů vyznačených modrou barvou je závazné, modrobílá svislá šrafa vymezuje prostor pro dokončení Aktivity 1.1.3 (YT/SD)

		Etapa 1				Etapa 2					Etapa 3						Etapa 4					Etapa 5						Etapa 6					Etapa 7						Etapa 8		
	Rok	2020				2021											2022											2023											2024		
	Předpokládaný kalendářní měsíc	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
Výstupy/aktivity	Měsíce od zahájení projektu	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Řízení projektu																																											
Vytvoření a zveřejnění tiskových zpráv																																											
Vytvoření informačních panelů																																											
Yirgalem-Tula (YT) - Dale woreda																																											
Výstup 1.1 (YT)	**Vybudován systém zásobování pitnou vodou**																																										
Aktivita 1.1.1 (YT)	Informační kampaň																																										
Aktivita 1.1.2 (YT)	Vybudování vodní infrastruktury																																										
Aktivita 1.1.3 (YT)	Napojení na veřejnou elektrickou síť																																										
Aktivita 1.1.4 (YT)	Předání vodní infrastruktury																																										
Výstup 1.2 (YT)	**Operátoři mají kapacitu a jsou odborně způsobilí k zajištění technické udržitelnosti systému zásobování vodou**																																										
Aktivita 1.1.2 (YT)	Vybudování vodní infrastruktury																																										
Aktivita 1.1.2 (YT)	Vybudování vodní infrastruktury - dobudování přečerpávací stanice a napojení na výtlačné potrubí, po upřesnění designu - guard house vícepráce																																										
Aktivita 1.1.3 (YT)	Napojení na veřejnou elektrickou síť																																										
Aktivita 1.1.4 (YT)	Předání vodní infrastruktury																																										
Aktivita 1.1.4 (YT)	Předání vodní infrastruktury - část přečerpávací stanice a konečné předání vč. guard house																																										
Aktivita 1.2.1 (YT)	Zajištění 15denního základního školení pro operátory																																										
Aktivita 1.2.4 (YT)	7 denní praktické školení elektromechaniků																																										
Aktivita 1.2.5 (YT)	5denní praktické školení operátorů																																										
Aktivita 1.2.6 (YT)	Vypracování Metodiky odečtu vodoměrů, vyhodnocení měřených dat, detekce úniků																																										
Aktivita 1.2.7 (YT)	Zajištění a dodání technického vybavení YTWSSE																																										
Aktivita 1.2.9 (YT)	Zajištění 90denního školení elektromechanického inženýra z YTWSSE																																										
Aktivita 1.2.10 (YT)	5denní praktické školení elektromechanického inženýra z YTWSSE																																										
Aktivita 1.2.11 (YT)	Zajištění 90denního školení pro elektromechaniky z YTWSSE																																										
Výstup 1.3 (YT)	**Provozovatelé, manažeři a podpůrné organizace mají kapacitu a pravomoc k udržitelnému provozu systému zásobování vodou po stránce sociální, environmentální a ekonomické**																																										
Aktivita 1.3.0 (YT)	Návrh a podpis smlouvy s YTWSSE																																										
Aktivita 1.3.3 (YT)	5denní školení v účetním systému a finančním managementu																																										
Aktivita 1.3.4 (YT)	Zavedení efektivního finančního managementu																																										
Aktivita 1.3.5 (YT)	Zajištění 15denního školení v managementu zásobování vodou ve venkovských oblastech																																										
Aktivita 1.3.6 (YT)	5denní praktické školení v managementu zásobování vodou venkovských oblastech																																										
Aktivita 1.3.7 (YT)	Zavedení a formalizování efektivního mechanismu řízení																																										
Aktivita 1.3.8 (YT)	5denní školení v provozu a údržbě odběrných míst																																										
Aktivita 1.3.9 (YT)	Zpracování manuálu pro výpočet tarifu																																										
Aktivita 1.3.10 (YT)	Poskytnutí informace o výši tarifu																																										
Aktivita 1.3.11 (YT)	7denní školení v principech a metodice výpočtů tarifů																																										
Aktivita 1.3.12 (YT)	Manuál na výpočet a řízení NRW																																										
Aktivita 1.3.13 (YT)	4denní školení v kalkulaci a managementu komerční a technické NRW																																										
Aktivita 1.3.14 (YT)	Zavedení mechanismu pro řešení stížností																																										
Aktivita 1.3.15 (YT)	Zpracování metodiky pro kontrolu a výměnu vodoměrů																																										
Aktivita 1.3.16 (YT)	Praktické školení v odečtech a výměně vodoměrů																																										
Aktivita 1.3.17 (YT)	Zpracování Provozního řádu vodovodního systému																																										
Aktivita 1.3.19 (YT)	Nákup a předání motorky																																										
Aktivita 1.3.20 (YT)	Nákup a předání informačních materiálů, tabulí a výpočetní techniky YTWSSE																																										
Výstup 1.4 (YT)	**Přístup k bezpečné a cenově dostupné vodě pro všechny členy komunity**																																										
Aktivita 1.4.1 (YT)	Aktualizace informací a údajů týkajících se poptávky a kapacity zdrojů podzemní vody																																										
Aktivita 1.4.2 (YT)	Provedení průzkumu o ochotě a schopnosti platit za vodu																																										
Aktivita 1.4.3 (YT)	Konzultace, zavedení a implementace sociálních opatření																																										
Aktivita 1.4.5 (YT)	Školení v přípravě a provádění průzkumu zaměřeného na získání dat o ochotě a schopnosti platit za dodávky vody																																										
Výstup 1.5 (YT)	**Komunita je informována o projektu, tarifech a o bezpečné přepravě, manipulaci a uchovávání vody (SWS)**																																										
Aktivita 1.5.1 (YT)	Zajištění 7denního školení v bezpečné přepravě, manipulaci a uchovávání vody																																										
Aktivita 1.5.2 (YT)	Příprava a realizace informačních kampaní																																										
Aktivita 1.5.3 (YT)	Vyhodnocení změny chování																																										
Aktivita 1.5.4 (YT)	Plány pro další intervence v oblasti bezpečné přepravy, manipulace a uchovávání vody																																										
Aktivita 1.5.5 (YT)	Školení v oblasti řešení konfliktů, konzultací tarifů s uživateli vody, managementu stížností, výběru tarifů																																										
Aktivita 1.5.6 (YT)	Výroba a umístění informačních desek a distribuce letáků komunitě																																										
Woreta Woyo (WW) - Bona Zuriya woreda																																											
Výstup 1.1 (WW)	**Vybudován systém zásobování pitnou vodou**																																										
Aktivita 1.1.1 (WW)	Informační kampaň																																										
Aktivita 1.1.2 (WW)	Vybudování vodní infrastruktury																																										
Aktivita 1.1.2 (WW)	Vybudování vodní infrastruktury - výměna čerpadla																																										
Aktivita 1.1.4 (WW)	Předání vodní infrastruktury																																										
Aktivita 1.1.4 (WW)	Předání vodní infrastruktury - část výměna čerpadla a konečné předání																																										
Výstup 1.2 (WW)	**Operátoři mají kapacitu a jsou odborně způsobilí k zajištění technické udržitelnosti systému zásobování vodou**																																										
Aktivita 1.2.1 (WW)	Zajištění 15denního základního školení pro operátory																																										
Aktivita 1.2.2 (WW)	Zajištění 15denního nadstavbového školení pro operátory																																										
Aktivita 1.2.3 (WW)	Zajištění 15denního školení elektromechanika z WWMEO																																										
Aktivita 1.2.4 (WW)	7denní praktické školení elektromechanika WWMEO																																										
Aktivita 1.2.5 (WW)	5denní praktické školení operátorů																																										
Aktivita 1.2.6 (WW)	Vypracování Metodiky odečtu vodoměrů, vyhodnocení měřených dat, detekce úniků																																										
Aktivita 1.2.7 (WW)	Zajištění a dodání technického vybavení WASHCO																																										

Výstup 1.3 (WW)	**Provozovatelé, manažeři a podpůrné organizace mají kapacitu a pravomoc k udržitelnému provozu systému zásobování vodou po stránce sociální, environmentální a ekonomické**																																								
Aktivita 1.3.1 (WW)	Podpora WASHCO a WWMEO																																								
Aktivita 1.3.2 (WW)	Zajištění 15denního školení WASHCO v oblasti účetnictví a finančního řízení																																								
Aktivita 1.3.3 (WW)	7denní školení v účetnictví a finančním managementu																																								
Aktivita 1.3.4 (WW)	Zavedení efektivního finančního managementu																																								
Aktivita 1.3.5 (WW)	Zajištění 15denního školení v managementu zásobování vodou ve venkovských oblastech																																								
Aktivita 1.3.6 (WW)	5denní praktické školení v managementu zásobování vodou venkovských oblastech																																								
Aktivita 1.3.7 (WW)	Zavedení a formalizování efektivního mechanismu řízení																																								
Aktivita 1.3.8 (WW)	5denní školení v provozu a údržbě odběrných míst																																								
Aktivita 1.3.9 (WW)	Zpracování manuálu pro výpočet tarifu																																								
Aktivita 1.3.10 (WW)	Poskytnutí informace o výši tarifu																																								
Aktivita 1.3.11 (WW)	7denní školení v principech a metodice výpočtů tarifů																																								
Aktivita 1.3.12 (WW)	Manuál na výpočet a řízení NRW																																								
Aktivita 1.3.13 (WW)	4denní školení ve výpočtech a managementu komerční a technické NRW																																								
Aktivita 1.3.14 (WW)	Zavedení mechanismu pro řešení stížností																																								
Aktivita 1.3.15 (WW)	Zpracování metodiky pro kontrolu a výměnu vodoměrů																																								
Aktivita 1.3.16 (WW)	Praktické školení v odečtech a výměně vodoměrů																																								
Aktivita 1.3.17 (WW)	Zpracování Provozního řádu vodovodního systému																																								
Aktivita 1.3.18 (WW)	Zorganizování a realizace výměnné návštěvy WASHCO																																								
Aktivita 1.3.19 (WW)	Nákup a předání vybavení WWMEO, včetně motorky																																								
Aktivita 1.3.20 (WW)	Nákup a předání informačních materiálů a potřeb WASHCO																																								
Výstup 1.4 (WW)	**Přístup k bezpečné a cenově dostupné vodě pro všechny členy komunity**																																								
Aktivita 1.4.1 (WW)	Aktualizace informací a údajů týkajících se poptávky a kapacity zdrojů podzemní vody																																								
Aktivita 1.4.2 (WW)	Provedení průzkumu o ochotě a schopnosti platit za vodu																																								
Aktivita 1.4.3 (WW)	Konzultace, zavedení a implementace sociálních opatření																																								
Aktivita 1.4.4 (WW)	Odběry a analýzy podzemní vody z pramenů, zpracování dokumentací pramenních vývěrů																																								
Výstup 1.5 (WW)	**Komunita je informována o projektu, tarifech a o bezpečné přepravě, manipulaci a uchovávání vody (SWS)**																																								
Aktivita 1.5.1 (WW)	Zajištění 7denního školení v bezpečné přepravě, manipulaci a uchovávání vody																																								
Aktivita 1.5.2 (WW)	Příprava a realizace informačních kampaní																																								
Aktivita 1.5.3 (WW)	Vyhodnocení změny chování																																								
Aktivita 1.5.4 (WW)	Plány pro další intervence v oblasti bezpečné přepravy, manipulace a uchovávání vody																																								
Aktivita 1.5.5 (WW)	Školení v oblasti řešení konfliktů, konzultací tarifů s uživateli vody, managementu stížností, výběru tarifů																																								
Aktivita 1.5.6 (WW)	Výroba a umístění informačních desek a distribuce letáků komunitě																																								

Hamesho Kebena (HK) - Bura woreda, dříve Bensa woreda

Výstup 1.1 (HK)	**Vybudován systém zásobování pitnou vodou**
Aktivita 1.1.1 (HK)	Informační kampaň
Aktivita 1.1.2 (HK)	Vybudování vodní infrastruktury
Aktivita 1.1.3 (HK)	Napojení na veřejnou elektrickou síť
Aktivita 1.1.4 (HK)	Předání vodní infrastruktury
Výstup 1.2 (HK)	**Operátoři mají kapacitu a jsou odborně způsobilí k zajištění technické udržitelnosti systému zásobování vodou**
Aktivita 1.2.1 (HK)	Zajištění 15denního základního školení pro operátory
Aktivita 1.2.2 (HK)	Zajištění 15denního nadstavbového školení pro operátory
Aktivita 1.2.3 (HK)	Zajištění 15denního školení elektromechanika z WWMEO
Aktivita 1.2.4 (HK)	7denní praktické školení elektromechanika WWMEO
Aktivita 1.2.5 (HK)	5denní praktické školení operátorů
Aktivita 1.2.6 (HK)	Vypracování Metodiky odečtu vodoměrů, vyhodnocení měřených dat, detekce úniků
Aktivita 1.2.7 (HK)	Zajištění a dodání technického vybavení WASHCO
Výstup 1.3 (HK)	**Provozovatelé, manažeři a podpůrné organizace mají kapacitu a pravomoc k udržitelnému provozu systému zásobování vodou po stránce sociální, environmentální a ekonomické**
Aktivita 1.3.1 (HK)	Podpora WASHCO a WWMEO
Aktivita 1.3.2 (HK)	Zajištění 15denního školení WASHCO v oblasti účetnictví a finančního řízení
Aktivita 1.3.3 (HK)	7denní školení v účetnictví a finančním managementu
Aktivita 1.3.4 (HK)	Zavedení efektivního finančního managementu
Aktivita 1.3.5 (HK)	Zajištění 15denního školení v managementu zásobování vodou ve venkovských oblastech
Aktivita 1.3.6 (HK)	5denní praktické školení v managementu zásobování vodou venkovských oblastech
Aktivita 1.3.7 (HK)	Zavedení a formalizování efektivního mechanismu řízení
Aktivita 1.3.8 (HK)	5denní školení v provozu a údržbě odběrných míst
Aktivita 1.3.9 (HK)	Zpracování manuálu pro výpočet tarifu
Aktivita 1.3.10 (HK)	Poskytnutí informace o výši tarifu
Aktivita 1.3.11 (HK)	7denní školení v principech a metodice výpočtů tarifů
Aktivita 1.3.12 (HK)	Manuál na výpočet a řízení NRW
Aktivita 1.3.13 (HK)	4denní školení ve výpočtech a managementu komerční a technické NRW
Aktivita 1.3.14 (HK)	Zavedení mechanismu pro řešení stížností
Aktivita 1.3.15 (HK)	Zpracování metodiky pro kontrolu a výměnu vodoměrů
Aktivita 1.3.16 (HK)	Praktické školení v odečtech a výměně vodoměrů
Aktivita 1.3.17 (HK)	Zpracování Provozního řádu vodovodního systému
Aktivita 1.3.18 (HK)	Zorganizování a realizace výměnné návštěvy WASHCO
Aktivita 1.3.19 (HK)	Nákup a předání vybavení WWMEO, včetně motorky
Aktivita 1.3.20 (HK)	Nákup a předání informačních materiálů a potřeb WASHCO
Výstup 1.4 (HK)	**Přístup k bezpečné a cenově dostupné vodě pro všechny členy komunity**
Aktivita 1.4.1 (HK)	Aktualizace informací a údajů týkajících se poptávky a kapacity zdrojů podzemní vody
Aktivita 1.4.2 (HK)	Provedení průzkumu o ochotě a schopnosti platit za vodu
Aktivita 1.4.3 (HK)	Konzultace, zavedení a implementace sociálních opatření
Aktivita 1.4.4 (HK)	Odběr a analýza podzemní vody z pramene, zpracování dokumentace pramenního vývěru
Výstup 1.5 (HK)	**Komunita je informována o projektu, tarifech a o bezpečné přepravě, manipulaci a uchovávání vody (SWS)**
Aktivita 1.5.1 (HK)	Zajištění 7denního školení v bezpečné přepravě, manipulaci a uchovávání vody
Aktivita 1.5.2 (HK)	Příprava a realizace informačních kampaní
Aktivita 1.5.3 (HK)	Vyhodnocení změny chování
Aktivita 1.5.4 (HK)	Plány pro další intervence v oblasti bezpečné přepravy, manipulace a uchovávání vody
Aktivita 1.5.5 (HK)	Školení v oblasti řešení konfliktů, konzultací tarifů s uživateli vody, managementu stížností, výběru tarifů
Aktivita 1.5.6 (HK)	Výroba a umístění informačních desek a distribuce letáků komunitě

Shoye a Dageya (SD) - Dale woreda

Výstup 1.1 (SD)	**Vybudován systém zásobování pitnou vodou**
Aktivita 1.1.1 (SD)	Informační kampaň
Aktivita 1.1.2 (SD)	Vybudování vodní infrastruktury
Aktivita 1.1.3 (SD)	Napojení na veřejnou elektrickou síť
Aktivita 1.1.4 (SD)	Předání vodní infrastruktury
Výstup 1.2 (SD)	**Operátoři mají kapacitu a jsou odborně způsobilí k zajištění technické udržitelnosti systému zásobování vodou**
Aktivita 1.2.1 (SD)	Zajištění 15denního základního školení pro operátory
Aktivita 1.2.3 (SD)	Zajištění 15denního školení elektromechanika z WWMEO
Aktivita 1.2.4 (SD)	7denní praktické školení elektromechanika WWMEO a SWMED
Aktivita 1.2.5 (SD)	5denní praktické školení operátorů
Aktivita 1.2.6 (SD)	Vypracování Metodiky odečtu vodoměrů, vyhodnocení měřených dat, detekce úniků
Aktivita 1.2.7 (SD)	Zajištění a dodání technického vybavení WASHCO
Aktivita 1.2.8 (SD)	Zajištění a dodání hladinoměru délky 300 m SWMED
Výstup 1.3 (SD)	**Provozovatelé, manažeři a podpůrné organizace mají kapacitu a pravomoc k udržitelnému provozu systému zásobování vodou po stránce sociální, environmentální a ekonomické**
Aktivita 1.3.1 (SD)	Podpora WASHCO a WWMEO
Aktivita 1.3.2 (SD)	Zajištění 15denního školení WASHCO v oblasti účetnictví a finančního řízení
Aktivita 1.3.3 (SD)	7denní školení v účetnictví a finančním managementu
Aktivita 1.3.4 (SD)	Zavedení efektivního finančního managementu
Aktivita 1.3.5 (SD)	Zajištění 15denního školení v managementu zásobování vodou ve venkovských oblastech
Aktivita 1.3.6 (SD)	5denní praktické školení v managementu zásobování vodou venkovských oblastech
Aktivita 1.3.7 (SD)	Zavedení a formalizování efektivního mechanismu řízení
Aktivita 1.3.8 (SD)	5denní školení v provozu a údržbě odběrných míst
Aktivita 1.3.9 (SD)	Zpracování manuálu pro výpočet tarifu
Aktivita 1.3.10 (SD)	Poskytnutí informace o výši tarifu
Aktivita 1.3.11 (SD)	7denní školení v principech a metodice výpočtů tarifů
Aktivita 1.3.12 (SD)	Manuál na výpočet a řízení NRW
Aktivita 1.3.13 (SD)	4denní školení ve výpočtech a managementu komerční a technické NRW
Aktivita 1.3.14 (SD)	Zavedení mechanismu pro řešení stížností
Aktivita 1.3.15 (SD)	Zpracování metodiky pro kontrolu a výměnu vodoměrů
Aktivita 1.3.16 (SD)	Praktické školení v odečtech a výměně vodoměrů
Aktivita 1.3.17 (SD)	Zpracování Provozního řádu vodovodního systému

Aktivita 1.3.18 (SD)	Zorganizování a realizace výměnné návštěvy WASHCO
Aktivita 1.3.19 (SD)	Nákup a předání vybavení WWMEO, včetně motorky
Aktivita 1.3.20 (SD)	Nákup a předání informačních materiálů a potřeb WASHCO
Výstup 1.4 (SD)	**Přístup k bezpečné a cenově dostupné vodě pro všechny členy komunity**
Aktivita 1.4.1 (SD)	Aktualizace informací a údajů týkajících se poptávky a kapacity zdrojů podzemní vody
Aktivita 1.4.2 (SD)	Provedení průzkumu o ochotě a schopnosti platit za vodu
Aktivita 1.4.3 (SD)	Konzultace, zavedení a implementace sociálních opatření
Aktivita 1.4.4 (SD)	Odběry a analýzy podzemní vody z pramenů, zpracování dokumentací pramenních vývěrů
Výstup 1.5 (SD)	**Komunita je informována o projektu, tarifech a o bezpečné přepravě, manipulaci a uchovávání vody (SWS)**
Aktivita 1.5.1 (SD)	Zajištění 7denního školení v bezpečné přepravě, manipulaci a uchovávání vody
Aktivita 1.5.2 (SD)	Příprava a realizace informačních kampaní
Aktivita 1.5.3 (SD)	Vyhodnocení změny chování
Aktivita 1.5.4 (SD)	Plány pro další intervence v oblasti bezpečné přepravy, manipulace a uchovávání vody
Aktivita 1.5.5 (SD)	Školení v oblasti řešení konfliktů, konzultací tarifů s uživateli vody, managementu stížností, výběru tarifů
Aktivita 1.5.6 (SD)	Výroba a umístění informačních desek a distribuce letáků komunitě

Czech Development Agency

Nerudova 3, 118 50 Prague 1
tel.: +420 251 108 130, fax: +420 251 108 225
www.czechaid.cz

Annex No. 6 – Personal data specification

Purpose of data processing:
Processing according to article 6 (1)) (b) REGULATION (EU) 2016/679 (GDPR) Processing is necessary for performance of mandate contract
Data subject categories:
employees and contact persons of the Czech Development Agency, the Embassy of the Czech Republic in Addis Ababa, the Contractor and other project partners of the Czech Development Agency
Personal data categories:
name, surname, registered office, address, date of birth, signature, email address, phone number, registration number, business licence, function

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Annex No. 7 – Personal data subject consent form

Souhlas se zpracováním osobních údajů / Consent to the Processing of Personal Data

Subjekt údajů/ Data subject:

Jméno/*Name:*	
Příjmení/*Surname:*	
Datum narození/ *Date of Birth:*	
Bydliště/ *Address:*	
Osoba vykonávající rodičovskou zodpovědnost / *Person holding parent responsibility:*	

1. Tímto uděluji České republice - České rozvojové agentuře, se sídlem Nerudova 3, 118 50 Praha 1, Česká republika, IČO: 75123924, (dále jen „Správce"), souhlas se zpracováním mých níže specifikovaných osobních údajů ve smyslu Nařízení Evropského parlamentu a Rady (EU) 2016/679 ze dne 27. dubna 2016 o ochraně fyzických osob v souvislosti se zpracováním osobních údajů a o volném pohybu těchto údajů a o zrušení směrnice 95/46/ES, (dále jen „GDPR"). / *I hereby give my consent to the Czech Republic – Czech Development Agency, registered office Nerudova 3, Prague, Post Code 118 50, Czech Republic, Registered number: 75123924 (hereinafter the "Controller") to the processing of my personal data specified below under the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (hereinafter the "GDPR").*

2. Uděluji Správci souhlas, aby v souvislosti s aktivitami Správce v oblasti zahraniční rozvojové spolupráce zpracovával mé jméno, příjmení a bydliště a pořizoval fotografie mé osoby a videozáznamy mé osoby a zveřejňoval je: / *I give consent to the Controller to process my name, surname and address and take photographs and videos of me in connection with activities of the Controller in development cooperation and publish them:*
   - v tištěných prezentačních materiálech/ *in printed presentation materials*
     ☐ ANO/ YES ☐ NE/NO
   - na internetových stránkách Správce/ *on Controller´s websites*
   - ☐ ANO/ YES ☐ NE/NO
   - účtu Správce na Youtube/ *on Controller´s Youtube account*
   - ☐ ANO/ YES ☐ NE/NO
   - účtech Správce na sociálních sítích (např.: Twitter, Facebook, Instagram)/ *on Controller´s accounts on social media networks (e.g.: Twitter, Facebook, Instagram)*
   - ☐ ANO/ YES ☐ NE/NO

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– jako ilustrační fotografie ke sdělením Správce na jeho internetových stránkách a účtech na sociálních sítí a v prezentačních materiálech Správce/ *as illustrational photographs to the Controller´s announcements on Controller´s websites and accounts on social media networks and Controller´s presentation materials*

– ☐ ANO/ YES ☐ NE/NO

za účelem prezentace aktivit Správce v oblasti zahraniční rozvojové spolupráce./ *in order to present Controller´s activities in development cooperation.*

3. Beru na vědomí, že mám následující práva / *I acknowledge to have following rights:*
a) právo vzít souhlas kdykoliv zpět (e-mailem nebo dopisem zaslanými na kontaktní adresu Správce), */ right to withdraw my consent anytime (by mail or letter sent to the contact address of the Controller),*
b) právo požadovat po Správci informaci o tom, jaké mé osobní údaje jsou zpracovávány, / *right to request information about which of my personal data are processed,*
c) právo požadovat po Správci vysvětlení ohledně zpracování osobních údajů, / *right to request explanation about processing of personal data,*
d) právo vyžádat si u Správce přístup k těmto osobním údajům a tyto nechat aktualizovat nebo opravit, / *right to request access to the personal data and let them update or rectify,*
e) právo požadovat po Správci výmaz těchto osobních údajů, / *right to request erasure of the personal data,*
f) právo vznést námitku proti zpracování a právo na přenositelnost osobních údajů, / *right to object to processing of personal data nad right portability of personal data,*
g) právo podat stížnost u dozorového úřadu (Úřad pro ochranu osobních údajů), / *right to lodge complaint to the supervisory authority (Office for Personal Data Protection),*
h) doba uložení osobních údajů se odvíjí od naplnění účelu, k jakému byly osobní údaje zpracovány, a řídí se interními předpisy Správce. Poté, co nebude již možné, aby Správce osobní údaje zpracovával za výše stanoveným účelem, dojde v přiměřené době k jejich likvidaci. / *archiving depends on the fulfilment of the purpose for which the personal data were processed and is governed by the internal regulations of the Controller. Once it is no longer possible for the Controller to process the personal data for the above stated purpose, they will be disposed in reasonable time.*

Datum/ *Date:* ....

Podpis osoby vykonávající rodičovskou zodpovědnost/
Signature of the person holding parent responsibility