

Main Office
Golayee Wazirabad
PO Box 208
Kabul, Afghanistan
Phone: +93 202230752
Mobile: +93 700288232
E-mail: dacaar@dacaar.org
Website: www.dacaar.org

REQUEST FOR QUOTATION

Construction of Check Dam for DACAAR Program DANIDA Project in Logar Province

درخواست آفر برای اعمار و ساخت چک دم برای پروگرام داکار پروژه
DANIDA در ولایت لوگر

دفتر مرکزی
گولایی وزیرآباد
پست بکس ۲۰۸
کابل، افغانستان
تلفون: +۹۳۲۰۲۲۳۰۷۵۲
موبایل: +۹۳۷۰۰۲۸۸۲۳۲
ایمیل: dacaar@dacaar.org
وبسایت: www.dacaar.org

Date: October 28, 2025

DACAAR RFQ 99 PRF-788/DANIDA/2501-DANIDA/DAN2.1/10.2025

DACAAR needs Construction of Check Dam in Dado Khail Village of Logar Province and invites interested parties to submit their sealed offers for the required job mentioned in Annex (I).

داکار برای اعمار و ساختمان یک چک دم که در ضمیمه (I) از آن به تفصیل ذکر گردیده در قریه دادو خیل ولایت لوگر ضرورت دارد، و از تمام علاقمندان واجد شرایط تقاضا بعمل میآورد تا آفر های سربسته شانرا قبل از معیاد تعیین شده به دفتر داکار بسپارند.

The offers must be submitted to DACAAR Main Office Logistics Unit located in Street No. 12, Taimani Project, Qala-e-Fathullah, Kabul Province till 4:00 PM November 08, 2025.

آفرها باید الی تاریخ 08 نومبر 2025 ساعت 4:00 عصر به شعبه لجستیک دفتر مرکزی داکار واقع پروژه تایمنی پایکوب نصور سرک 12 قلعه فتح الله ولایت کابل سپرده شود.

The offers will be opened on November 09, 2025 at 10:00am in DACAAR Main Office, Kabul Province and the winner of the bidding will be notified shortly after the bid opening session.

مجلس آفرگشایی ساعت 10:00 قبل از ظهر 09 نومبر 2025 در دفتر مرکزی داکار در ولایت کابل صورت میگیرد که متعاقباً برنده داوطلبی در اسرع وقت اطلاع خواهد یافت.

Please use Annex (III) for Technical Specification, Annex (II) for Work Plan and Annex (I) for Financial purposes.

لطفاً ضمیمه (I) را بخاطر ارایه آفر، ضمیمه (II) را بخاطر پلان کاری و ضمیمه (III) را بخاطر مشخصات فنی مشاهده نمایند.

Terms and Conditions for Participation/Bid Winner

شرایط قرارداد برای برنده داوطلبی/ اشتراک کننده گان

- Contractor should Construct the Check Dam in Dado Khail Village of Logar Province based on completion plan mentioned in Annex (II).
- Priority will be given to construction companies.
- Similar works experience as prime contractor in the construction of at least one works in nature and complexity equivalent.
- The contractor must have a qualified technical team, and the CVs of the team members should be attached to this RFQ.
- Provision of all tools and equipment's required for the Construction of Check Dam belongs to the contractor.

- قرارداد گیرنده مکلف است تا اعمار چک دم را که قریه دادو خیل ولایت لوگر موقعیت دارد، طبق پلان کاری که در ضمیمه (II) ذکر گردیده تکمیل نماید.
- حق اولویت به شرکت های ساختمانی داده میشود.
- داشتن تجربه کاری مشابه حداقل یک پروژه که ماهیت و پیچیدگی آن مشابه به این پروژه باشد.
- قرارداد گیرنده باید دارای یک تیم فنی واجد شرایط باشد و خلص سوانه تیم خود را ضمیمه آفر نماید.
- تهیه تمام وسایل و مواد برای اعمار و ساختمان چک دم معه اعاشه و ابطه بدوش قرارداد گیرنده میباشد.

6. Payment will be made within 15 working days after technical team confirmation and successfully completion of the contract. 6. پرداخت پول بعد از تصدیق بخش تخنیک داکار و تکمیل نمودن مؤفقانه قرارداد در مدت 15 روز کاری اجرا میگردد.
7. The bid winner must deposit 10% amount of total contract value to DACAAR bank account as a Contract Performance Guarantee before signing the contract, the mentioned amount only refundable after successful completion of the contract. 7. برنده داوطلبی مکلف است تا 10% مجموع ارزش قرارداد را بشکل تضمین بانکی از اجرای کامل و مؤفقانه قرارداد قبل از امضای آن به حساب بانکی داکار بپردازد. مبلغ متذکره در صورت اجرا مؤفقانه قرارداد قابل باز پرداخت میباشد.
8. In case of delay in contract completion without any logical reasons, 0.5% of total value of the remaining work will be deducted from the payment. This penalty will charge per each official day of delay. 8. در صورت تأخیر در تکمیل قرارداد بدون عذر موجه در وقت معینه آن، مبلغ 0.5% از هر روز کار تأخیر شده بطور جرمانه از مجموع ارزش قرارداد اخذ میگردد.
9. Quotations should be valid for 60 official days. 9. قیمت داده شده باید برای مدت 60 روز کاری مدار اعتبار باشد.
10. Prices shall be given in Afghanis (AFN) and must include all duties, transport cost, loading and unloading costs. Offers without sign and stamp will not be accepted. Manipulated/overwritten offers will automatically be rejected. 10. قیمت ها به افغانی داده شود و باید شامل مالیات، انتقال، قیمت بارگیری و تخلیه باشد و قیمت هائیکه بدون مهر و امضای قابل قبول نمیشد. آفرهای قلم خورده گی بطور اتومات رد میگردد.
11. DACAAR's technical team (Site Engineer) will check quality of work. If it is not according to the specifications, DACAAR Technical Team has reserved the right to terminate the contract without any compensation paid to the contractor. 11. هئیت تقطیش و بررسی داکار کیفیت کار را به اساس قرارداد چک و ملاحظه نموده در صورتیکه مطابق به مشخصات قرارداد نباشد، داکار حق دارد تا قرارداد را بدون جبران کدام خساره فسخ نماید.
12. 2% Tax will be applicable on the companies that has valid business license and 7% Tax will be applicable on the companies that have invalid business license, or on individuals who do not have business license, will be deducted from the contractor as a withholding tax and DACAAR will pay that amount to Ministry of Finance, the amount starts from (1 AFN). 12. 2% مالیه برای شرکت هائیکه دارای جواز با اعتبار میباشد، و 7% مالیه برای شرکت هائیکه معیاد جواز آن تکمیل گردیده باشد، و یا اشخاصیکه جواز ندارند توسط داکار وضع گردیده و به وزارت مالیه پرداخت میشود، آغاز مبلغ از 1) افغانی).
13. DACAAR does not accept sub-contract, in case if it is found that the contract has given to sub-contracting contractor, the contract will automatically be terminated and the supplier will lose their performance guarantee and no compensation will be paid to the contractor. 13. داکار به هیچ عنوان قرارداد دست دو را نه پذیرفته، در صورت وقوع چنین حالت قرارداد بصورت اتومات فسخ و قرارداد گیرنده پول تضمین و حق اجوره خویش را از دست میدهد.
14. DACAAR will not be responsible for any changes occurred during the contract such as (increment in custom duties, exchange rate etc.) 14. داکار به هیچ عنوان مسؤولیت بلند رفتن مالیات گمرکی، اسعار خارجی و غیره مواردی که باعث بلند رفتن قیمت در جریان قرارداد گردد ندارد.

15. DACAAR (Logistics Unit) adheres to National and International laws on child labour DACAAR makes sure all its suppliers and vendor abide by such laws preventing child labour in all DACAAR activities countrywide.
15. دفتر داکار (شعبه لوژیستیک) با در نظر داشت قوانین ملی و بین المللی برای جلوگیری از کار کودکان مصمم بوده و سعی میکند که تمام فعالیتهای تهیه کننده گان و مشتریان این اداره به این اصل پایبند باشند.
16. The Humanitarian Organizations (HO) may conduct on- site visit in the contractor's premises (or may take similar measures) to ensure compliance.
16. سازمان های بشر دوستانه (HO) ممکن است تا از محلات و سایت ها به بخاطر اطمینان خاطر و تطبیق درست کار توسط قرار داد گیرنده بازدید بعمل آورده و یا ممکن است اقدامات مشابه را انجام دهد.
17. DACAAR has a zero-tolerance policy on sexual exploitation, abuse and harassment, which is defined and described in the policy document "DACAAR policy on preventing and handling sexual exploitation, abuse and harassment".
17. داکار دارای پالیسی عدم تحمل در مورد سوء استفاده، بد رفتاری و آزار و اذیت جنسی میباشد و موقف داکار در همچون مسایل بطور تفصیلی در پالیسی مذکور تشریح شده است.
18. Award of contract will be based on the price, capacity and potentiality of bidder which will be decided after evaluation of the company; it is the right of DACAAR to make the decision of awarding contract.
18. برنده شدن قرارداد نظر به قیمت، توانائی و ظرفیت کاری داوطلب بوده و بعد از بررسی کمپنی صورت خواهد گرفت. البته داکار تنها حق تصمیم گیری در این زمینه را دارا میباشد.

For more details, please visit DACAAR Logistics Unit Main Office Kabul, Sunday through Thursday, from 8:00am to 03:00 PM or contact on below Email Addresses:

jamal@dacaar.org or wasimullah@dacaar.org

Yours Sincerely,
Manager – Logistics Unit
Date: October 28, 2025



ANNEX (I)
Budget Breakdown/ فورم ارایه آفر
DACAAR RFQ 99 PRF-788/DANIDA/2501-DANIDA/DAN2.1/10.2025

Construction of Check Dam for DACAAR Program DANIDA Project in Dado Khail Village of Logar Province:

S.N	Item Name and Specification	Unit	Quantity	Unit Price (AFN) (Including 2% or 7% Government Tax, transportation cost)	Total Price (AFN) (Including 2% or 7% Government Tax, transportation cost)
1	Mobilization	LS	1		
2	Excavation and Removal of excess materials up to 500 Meter	M ³	955		
3	Dense Filling with quality of will grade	M	350		
4	Stone Masonry Work M (1:4) Including Stone and other required materials	M ³	780		
5	15cm Thick Sea Gravel Layer in the lower part of the foundation	M ³	66		
6	Plain cement concrete (PCC) M(1:1.5:3)	M ³	27		
7	Plain cement concrete (PCC) M(1:2:4)	M ³	44		
8	Pointing work M(1:3)	M ²	663		
9	Installation of water stopper with proof Plain Cement Concrete (1:4)	M	18.5		
Grand Total: AFN					

Bidder Name: _____ اسم آفر دهنده:

Address and Stamp: _____ آدرس و مهر کمپنی

Contact No: _____ نمبر موبائیل

Email Address: _____ ایمل آدرس

Delivery Period: _____ زمان تحویل دهی

ANNEX (II)
Tentative Work Plan/ پلان کاری تخمینی
DACAAR RFQ 99 PRF-788/DANIDA/2501-DANIDA/DAN2.1/10.2025

Construction of Check Dam for DACAAR Program DANIDA Project in Dado Khail Village of Logar Province:

S/No	Specifications	Unit	Quantity of Work	Start Date of the Contract	End Date of the Contract
1	Mobilization	LS	1	Starts After DACAAR Contract Final Approval	December 30, 2025
2	Excavation and Removal of excess materials up to 500 Meter	M ³	955		
3	Dense Filling with quality of will grade	M	350		
4	Stone Masonry Work M (1:4) Including Stone and other required materials	M ³	780		
5	15cm Thick Sea Gravel Layer in the lower part of the foundation	M ³	66		
6	Plain cement concrete (PCC) M(1:1.5:3)	M ³	27		
7	Plain cement concrete (PCC) M(1:2:4)	M ³	44		
8	Pointing work M(1:3)	M ²	663		
9	Installation of water stopper with proof Plain Cement Concrete (1:4)	M	18.5		

ANNEX (III)
Technical Specification/مشخصات تخنیکى
DACAAR RFQ 99 PRF-788/DANIDA/2501-DANIDA/DAN2.1/10.2025

DACAAR
Program/Technical & Coordination Unit
Survey & Design Team



Dado Khail Check Dam Drawings

Project Location:

Province:.....Logar

District:.....Center

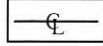
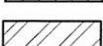
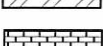
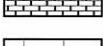
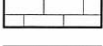
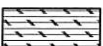
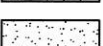
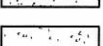
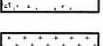
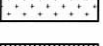
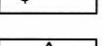
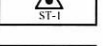
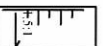
Village:..... Dado Khail

Date: July 2025

LIST OF DRAWINGS

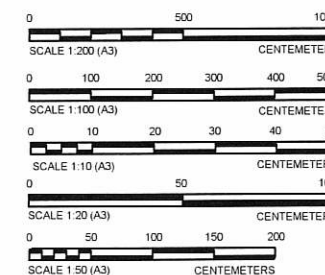
DISCRIPTION	DRAWING NO.
LIST OF DRAWINGS	01
LEGEND AND ABBREVIATIONS	02
TECHNICAL SPECIFICATION	03
TOPO PLAN	04
Site Plan	05
Plan Of Check Dam	06
Section A-A,B-B,C-C,E-E	07
Section D-D,F-F	08
Cross Section	09
Long Section	10

LEGEND:-

	Center Line
	Direction of flow
	Grouted Stone Masonry/Pitching Section
	Mass concrete Section
	Brick Masonry
	P.C.C Block
	Gabion
	Gabion Section
	Wash/River Bed Material
	Geotextile Mattress
	Plain Cement Concrete
	Reinforced Cement Concrete
	Bank Protection
	Compacted Soil
	Hill
	H.F.L / M.W.L
	Elevation of the point is (100m) in section view
	Elevation of the point (100m) in Plan view
	Traverse Station
	Benchmark
	Lined Slope
	Earthen Slope
	Ground Level
	Stone Pitching/Rip Rap

ABBREVIATION:-

Av	AVERAGE	ST	STATION
BM	BENCH MARK	THK	THICKNESS
B	WIDTH	TYP	TYPICAL
C/C	CENTER TO CENTER	HFL	HIGH FLOOD LEVEL
D	DEPTH OF WATER	U/S	UPSTREAM
DRG	DRAWING	YRS	YEARS
DIA , Ø	DIAMETER	Q	DESIGN DISCHARGE
D.W.L	DESIGN WATER LEVEL	W.L	WATER LEVEL
D/S	DOWNSTREAM	N.T.S	NOT TO SCALE
EL.	ELEVATION		
F.B	FREE BOARD		
HFL	HIGH FLOOD LEVEL		
HT.	HEIGHT		
H.G.L	HYDRAULIC GRADE LINE		
KM , km	KILOMETERE		
M ,m	METRE		
Chkd	CHECKED		
Apprvd	APPROVED		
M . W .L	MAXIMUM WATER LEVEL		
MIN	MINIMUM		
No(s)	NUMBER(S)		
N.G.L	NATURAL GROUND LEVEL		
P.C.C	PLAIN CEMENT CONCRETE		
R.C.C	REINFORCED CEMENT CONCRETE		



Notes:

- 1- All dimensions are in cm or as specified on drawing.
- 2- For concrete class and stone masonry type refer to Contract Specifications.
- 3- All cut-offs to be constructed against undisturbed soil.
- 4-Location of the structure, setting out and elevations to be confirmed by the WMD representative before construction.
- 5-The contractor shall construct and maintain all necessary channels,diversion and other temporary works necessary to ensure that irrigation water supplies are not interrupted during construction works.
- 6-All elevations are based on local benchmark.
- 7-Coordinates and elevatoin of local bechmark are attached to every single site.
- 8-Contraction joint in concrete coping at wall top shall be provided at 1.0m centers
- 9.Contraction joint in concrete base slab shall be provided at 2m centers.
- 10-Minimum concrete cover to steel reinforcement shall be 50mm.
- 11-Steel reinforcement shall have a minimum yield stress of 250N/mm2.
- 12-For retaining wall more than 12m in length, expansion joint shall be provided at 12m centers.
- 13-Abbreviations used:
GI stands for galvanized iron
EW stands for each way
EF stands for each face
FB stands for free board
Dia stands for diameter
MS stands for mild steel

DACAAR / PROGRAM	Funded By	DANIDA	Village	Dado Khail	Survey by	Eng. Naimuddin/Wahidullah		Scale Meter	Sheet Index	Project Title	CheckDam
	Implemented By	DACAAR	District	Center	Drawn & Designed by	Eng. Sayed Zaki Sadat			02 10	Drawing Title	ABBREVIATION
			Province	Logar	Reviewed By	Eng. Saved Naiib Jalal			Date :		July-2025
					Checked & Approved By	Eng. Abdul Wali Muslih					

BRIEF TECHNICAL SPECIFICATIONS

CONCRETE WORKS:

- 1 - All air - entraining plain cement concrete should be M-200 by wright or be as specified on the drawings.
- 2 - All PCC to have cement, sand and aggregate as specified on the drawings.
- 3 - Concrete design should be based on a compressive strength of $f_c = 200\text{kg/cm}^2$ or as specified on the drawings.
- 4 - Weight per unit volume of concrete $W=2400\text{kg/m}^3$.
- 5- Sand or fine aggregate shall be free from salt, Alkali, Calcium sulphate or Vegetation and it shall not contain more than 0.5 percent by weight clay.
- 6 - Aggregate:- Coarse aggregate shall consist of crushed gravel with the maximum size of 20mm.
- 7 - The maximum slump for concrete should be between (5 - 7.5)cm. (For difrent concrete type refer to general specification).
- 8 - To increase the workability of the concrete provide the chemical admixture (Super plasticizer, If required).
- 9 - Water used for concrete mixture and concrete curing shall be from a source approved by the Engineer and at the time of use shall be free from contaminants.
- 10- Concrete compaction should be done by using concrete vibrator at the time of pouring in such a way to form a solid compact concrete.
- 11- Concrete curing should by continued for 28 days.
- 12- During cold weather concreting should be stopped or the contractor has to consider cold weather concreting procedure as accepted by the Engineer. (Or refer to general specification).
- 13- Concrete shuttering / formwork should be of steel or wooden type.
- 14- Concrete shuttering can be removed as per below minimum duration:
Side of beams, Walls, Columns (16 - 24 Hours).
Forms from beneath the slabs (Spaning up to 6m.) 14 Days.
Forms from beneath the slabs (Spaning above 6m.) 21 Days
- 15- All air entrained concrete with 4.5% - 7% of air volumes should be used instead of normal concrete works by adding approved admixture.
- 16- All RCC should be M-25.
- 17- All blinding PCC shall be M-10.
- 18- Reinforcement yield strength f_y shall not be less that (2500kg/cm^2).

MASONRY WORKS:

- 1 - Plum / Mass air - entraining concrete shall contain a maximum of 40% stone with a maximum stone size as 20cm.
The concrete ratio shall be M-20.
- 2 - Stone for Stone masonry, Gabion and grouted stone pitching should be of good quality and approved by Engineer.
- 3 - All stone masonry for foundations should be with ratio of (1:3).
- 4 - All masonry cutoff wall shall be with (1:3) Cement sand mortar or as specified on the drawing.

EARTH WORKS:

- 1 - Backfilling material should be properly tested and selected to be suitable as per standard practice.
- 2 - For backfilling maximum thickness of each loose soil layer should not more than 15cm. According to general specification.
- 3 - Standard compaction tests should be carried out for the backfilling.
- 4 - The percentage of compaction should be not less than (92 - 95)% of the maximum dry density of selected material by the Engineer.

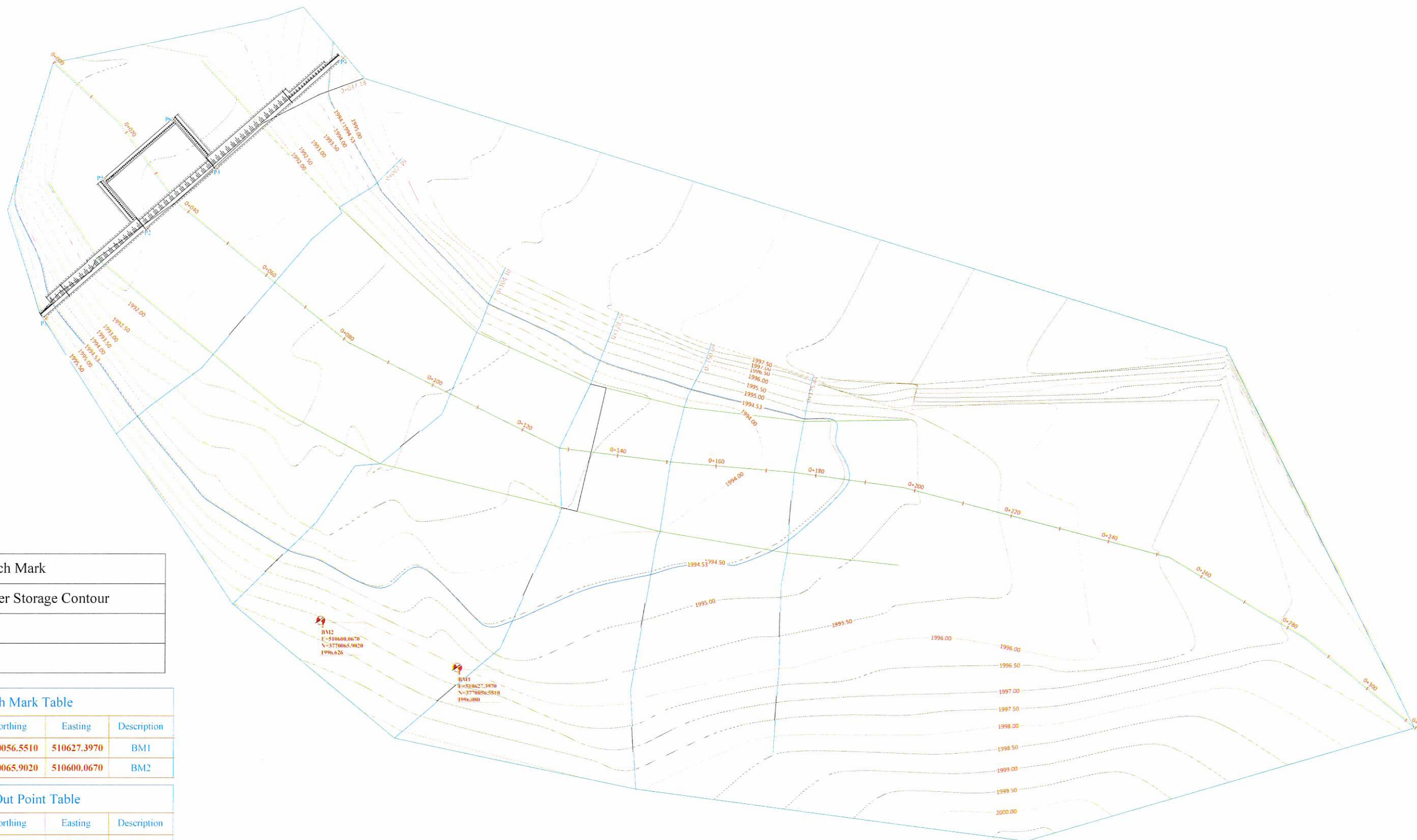
GABION WORKS:

- 1 - Stone size for gabion shall range from (20 - 30cm) dia. According to general specification.
- 2 - Galvanized iron wier of specified thickness (2.7- 3.0)mm Should be properly woven and knotted together to form the required mesh in hexagonal / rectangular shape of size (8 - 10cm) for gabion basket and (10 - 12cm) for gabion mattress to fabricate gabion boxes to the saftsfaction of the Engineer.
- 3 - Principal wire along the gabion edges (Selvedges) for gabion boxes should be of galvanized iron having minimum thickness of (4mm).
- 4 - Gabion galvanized iron wire tensile strength should be (350 - 575 N / mm^2).

OTHERS:

- 1 - Bitumen coating should be used in all contraction / Expansion joints.
- 2 - All quality control field tests should be carried out by the contractor in a specified laboratory as accepted by the client.
- 3 - Construction joints for PCC and masonry walls should be provided as (15 - 20m) center to center.
- 4- All diversions and flood protection works is contractor responsibility,

DACAAR / PROGRAM	Funded By	DANIDA	Village	Dado Khail	Survey by	Eng. Naimuddin/Wahidullah				Project Title	CheckDam
	Implemented By	DACAAR	District	Center	Drawn & Designed by	Eng. Sayed Zaki Sadat				Drawing Title	SPECIFICATIONS
			Province	Logar	Reviewed By	Eng. Sayed Najib Jalal				Date :	July-2025
			Checked & Approved By			Eng. Abdul Wali Muslih					



LEGEND

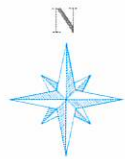
	Bench Mark
	Water Storage Contour
	Bed
As per Site	

Bench Mark Table				
Point #	Elevation	Northing	Easting	Description
1	1996.080	3770056.5510	510627.3970	BM1
2	1996.626	3770065.9020	510600.0670	BM2

Stick Out Point Table				
Point #	Elevation	Northing	Easting	Description
1	1993.13	3770125.608	510545.293	P1
2	1993.13	3770143.379	510565.355	P2
3	1993.13	3770176.846	510604.236	P3
4	1993.13	3770176.846	510604.236	P4
5	1991.53	3770153.153	510556.859	P5
6	1991.53	3770166.077	510571.272	P6

Topo Plan of Check Dam

DACAAR / PROGRAM	Funded By	DANIDA	Village	Dado Khail	Survey by	Eng. Naimuddin/Wahidullah		Sheet Index 04 10	Project Title	CheckDam
	Implemented By	DACAAR	District	Center	Drawn & Designed by	Eng. Sayed Zaki Sadat			Drawing Title	Topo Plan
			Province	Logar	Reviewed By	Eng. Sayed Naiib Jalal			Date :	July-2025
					Checked & Approved By	Eng. Abdul Wali Muslih				



Site Plan of Check Dam

LEGEND

	Bench Mark
	Water Storage Contour
	Bed
As per Site	

Bench Mark Table

Point #	Elevation	Northing	Easting	Description
1	1996.080	3770056.5510	510627.3970	BM1
2	1996.626	3770065.9020	510600.0670	BM2

DACAAR / PROGRAM

Funded By DANIDA
Implemented By DACAAR

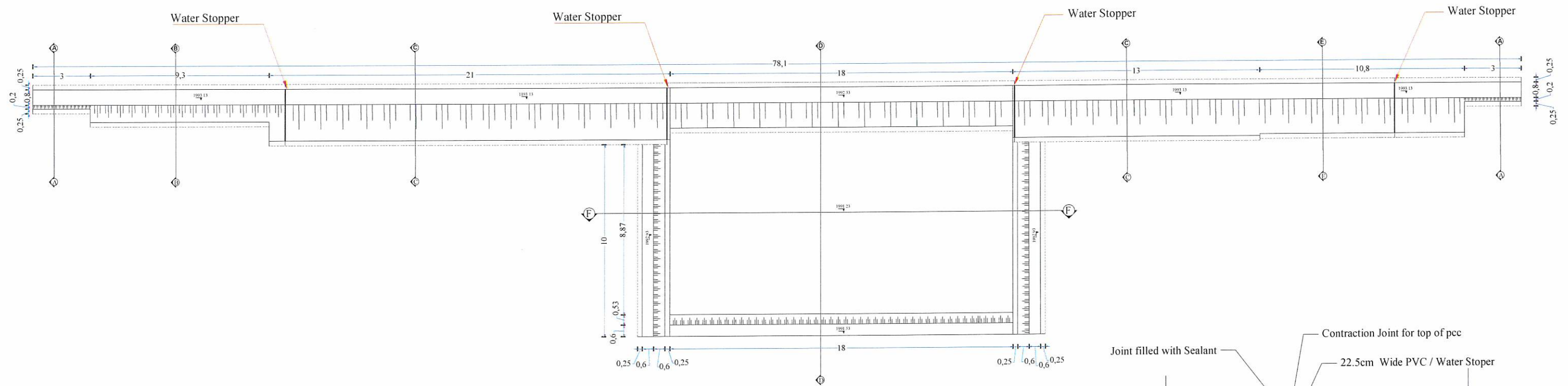
Village Dado Khail
District Center
Province Logar

Survey by Eng. Naimuddin/Wahidullah
Drawn & Designed by Eng. Sayed Zaki Sadat
Reviewed By Eng. Saved Najiib Jalal
Checked & Approved By Eng. Abdul Wali Muslih

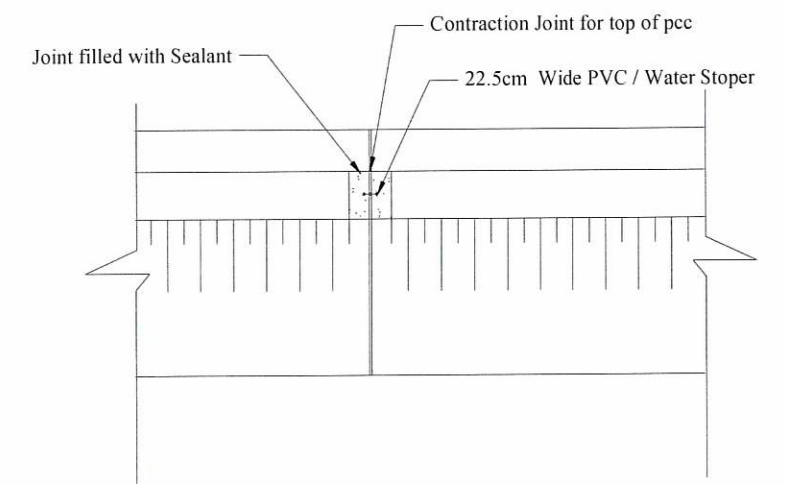
Scale
Meter

Sheet Index
05
10

Project Title CheckDam
Drawing Title Site Plan
Date: July-2025



Plan Of Check Dam



Plan Of Expansion Joint

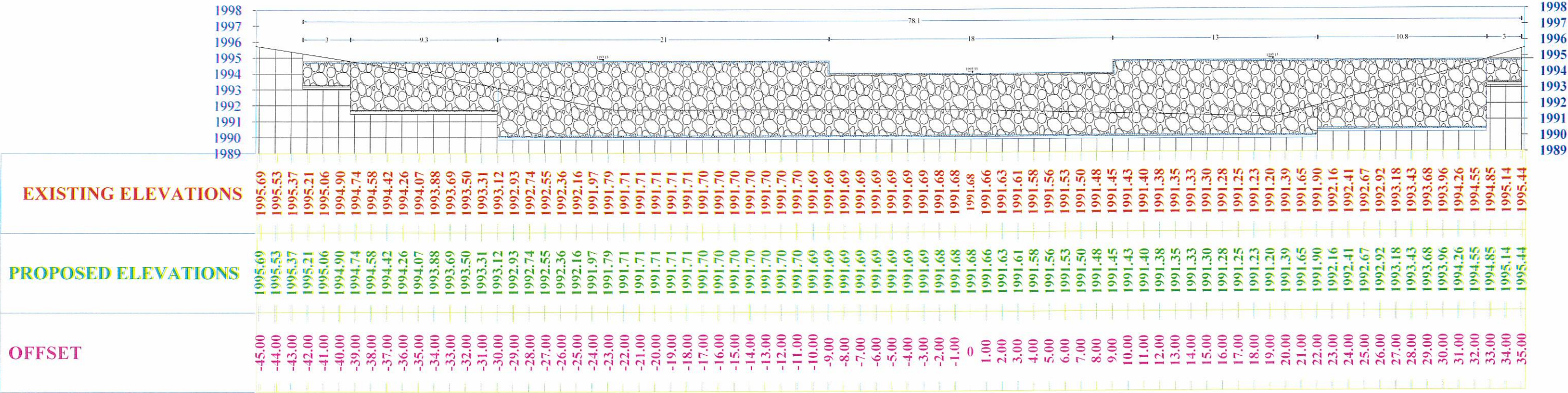
Note:

- All dimensions are in M.
- All Excavated material can be use it upstream and downstream faces fillings with 90% Compaction.
- Filling layers must not be Pave more than (15-20)cm thickness.

DACAAR / PROGRAM	Funded By	DANIDA	Village	Dado Khail	Survey by	Eng. Naimuddin/Wahidullah		Scale Meter	Sheet Index 06 10	Project Title	CheckDam
	Implemented By	DACAAR	District	Center	Drawn & Designed by	Eng. Sayed Zaki Sadat				Drawing Title	Plan
			Province	Logar	Reviewed By	Eng. Sayed Najib Jalal				Date :	July-2025
			Checked & Approved By							Eng. Abdul Wali Muslih	

DACAAR / PROGRAM	Funded By	DANIDA	Village	Dado Khail	Survey by	Eng. Naimuddin/Wahidullah		Scale Meter	Sheet Index 08 10	Project Title	CheckDam
	Implemented By	DACAAR	District	Center	Drawn & Designed by	Eng. Sayed Zaki Sadat				Drawing Title	Detail drawings
			Province	Logar	Reviewed By	Eng. Sayed Najib Jalal				Date :	July-2025
					Checked & Approved By	Eng. Abdul Wali Muslih					

0+037.18



DADO KHAIL CHECK DAM ON RIVER X-SECTION AT CH:0+037.18

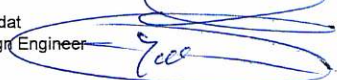
DACAAR - Program
Technical and Coordination Unit/Survey and Design Team
Bill of Quantity (BOQ) for Construction of Dado Khail Check Dam

Province: Logar
District: Center
Village: Dado Khail

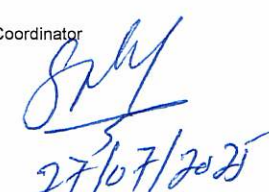
Subproject Name: Dado Khail
Estimation Date: 27.7.2025
Submitting Date: 27.07.2025

No.	Item	Activities %	Quantity	Unit	Unit cost	Total cost Afs
1	Mobilization: includes the price of all activities such as the transfer of personnel, tools, vehicles, field establishment office and other activities for the implementation of the project and demobilization.		1	LS		
2	Normal Excavation Works: Refers to excavation activities carried out without the use of hydraulic machinery, including the removal of surplus materials up to a distance of 500 meters, or as directed by the field engineer. For further details, refer to Paragraph 2.02 of the Technical Specifications.		955	M3		
3	Dense Filling: Refers to the placement and compaction of fill material classified as Well-Graded, verified through sample testing. The compacted material must achieve a minimum density of 90% of the Modified Proctor value (as per ASTM standards). When mechanical compaction equipment is used, the loose layer thickness should not exceed 20 centimeters. For manual compaction using hand-operated equipment, the loose layer thickness should not exceed 10 centimeters.		350	M3		
4	Stone Masonry Work M(1:4): Stone masonry shall be executed using a mortar mix ratio of 1:4 (cement:sand). The masonry shall be constructed in accordance with the approved drawings and under the supervision of the area's supervising engineer. All stones used must be solid, clean, and free from dust, dirt, and other deleterious materials. The work shall incorporate all required features to ensure structural integrity and aesthetic quality, as specified in the project plans and technical specifications.		780	M3		
5	15 cm Thick Sea Gravel Layer in the Lower Part of the Tahadab This work includes preparing, placing, and compacting a 15 cm thick gravel filter layer composed of well-graded materials. The gravel layer shall be placed beneath paving stones or gabions as follows: First, compact the tahadab base thoroughly. Next, lay and compact the sea gravel layer. Finally, proceed with the installation of paving stones or gabion structures. The gravel filter materials shall consist of a well-graded mixture of sea sand combined with either sea gravel or crushed gravel, ensuring proper gradation for optimal filtration and stability. All materials and workmanship shall be subject to the approval of the field engineer prior to and during execution..		66	M3		
6	Plain Cement Concrete (PCC) M(1:1.5:3) Preparation, placing, compacting, and curing of plain cement concrete (PCC) with a mix ratio of 1:1.5:3 (cement: sand: coarse aggregate), designed to achieve a compressive strength of 20 MPa. The concrete shall be free of reinforcement (no spikes) and shall be molded in accordance with the project plans and technical specifications. All work shall be carried out under the supervision and approval of the supervising engineer, ensuring proper compaction, finishing, and curing to achieve the specified quality and durability.		27	M3		
7	Plain Cement Concrete (PCC) M(1:2:4) Preparation, placing, compacting, and curing of plain cement concrete (PCC) with a mix ratio of 1:2:4 (cement: sand: coarse aggregate), designed to achieve a compressive strength of 15 MPa. The concrete shall be unreinforced (without spikes) and molded in accordance with the approved plans and technical specifications. All work shall be performed under the supervision and approval of the supervising engineer to ensure compliance with quality and durability requirements.		44	M3		
8	Pointing, M (1:3): Pointing work is done with a ratio of cement and sand of 1:3, which includes materials, workers, soil, watering, etc. be executed Previously, from the beginning of the work, the seams should be cleaned up to 3 cm, then the work should be started. At the end of the work on the stones, the excess material should be cleaned in its correct shape. For more clarification, refer to paragraph 4.05 of the technical specifications.		663	M2		
9	Installation of Water Stopper with Waterproof PCC Concrete (1:4) Supply and install water stopper embedded in waterproof plain cement concrete (PCC) with a mix ratio of 1:4 (cement: sand). The work shall be executed with all necessary positive details to ensure watertightness, in accordance with the project plans and technical specifications. All operations shall be carried out under the supervision and approval of the supervising engineer.		19	m		
Total Cost in Afg						0 Afs
Total Cost in USD						\$0

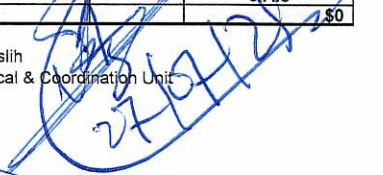
Prepared by:

Name: Sayed Zaki Sadat
Position: Survey & Design Engineer
Signature: 

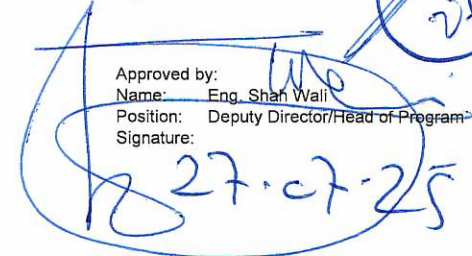
Review and Checked by :

Name : Sayed Najib Jalal
Position: Survey & design Coordinator
Signature: 

Authorized by:

Name: Eng. Ab.Wali Muslih
Position: Manager Technical & Coordination Unit
Signature: 

Approved by:

Name: Eng. Shan Wali
Position: Deputy Director/Head of Program
Signature: 

DACAAR - Program
Technical and Coordination Unit/Survey and Design Team
Bill of Quantity (BOQ) for Construction of Dado Khail Check Dam

Province
District:
Village:

Logar
Center
Dado Khail

Subproject Name: Dado Khail
Estimation Date: 27.07.2025
Submitting Date: 27.07.2025

S/N	Description	QNT	Unit	Weeks											
				1	2	3	4	5	6	7	8	9	10	11	12
1	Mobilization: Includes the price of all activities such as the transfer of personnel, tools, vehicles, field establishment office and other activities for the implementation of the project and demobilization.	1	LS												
2	Normal Excavation Works: Refers to excavation activities carried out without the use of hydraulic machinery, including the removal of surplus materials up to a distance of 500 meters, or as directed by the field engineer. For further details, refer to Paragraph 2.02 of the Technical Specifications.	955	m3												
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4	Stone Masonry Work M(1:4): Stone masonry shall be executed using a mortar mix ratio of 1:4 (cement:sand). The masonry shall be constructed in accordance with the approved drawings and under the supervision of the area's supervising engineer. All stones used must be solid, clean, and free from dust, dirt, and other deleterious materials. The work shall incorporate all required features to ensure structural integrity and aesthetic quality, as specified in the project plans and technical specifications.	780	m3												
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8	Pointing, M (1:3): Pointing work is done with a ratio of cement and sand of 1:3, which includes materials, workers, soil, watering, etc. be executed Previously, from the beginning of the work, the seams should be cleaned up to 3 cm, then the work should be started. At the end of the work on the stones, the excess material should be cleaned in its correct shape. For more clarification, refer to paragraph 4.05 of the technical specifications.	663	m2												
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Prepared by:
Name:
Position:
Signature:

Sayed Zaki Sadat
Survey & Design Engineer

27.07.25

Review and Checked by :
Name :
Position:
Signature:

Sayed Najib Jalal
Survey & Design Coordinator

27/07/2025

Authorized by :
Name:
Position :
Signature:

Eng. Ab. Wali Muslih
Manager Technical & Coordination Unit

Approved by:
Name:
Position:
Signature:

Eng. Shah Wali
Deputy Director/Head of Program

27.07.25

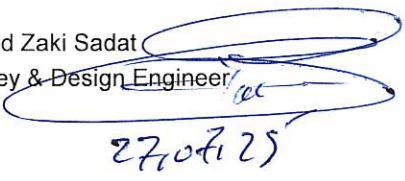
DACAAR - Program
Technical and Coordination Unit/Survey and Design Team
Bill of Quantity (BoQ) For Construction of Dado khail Check Dam

Province: Logar
District: Center
Village: Dado khail
Contract:
Subproject Name: Dado khail Check Dam
1 - BOQ Detail

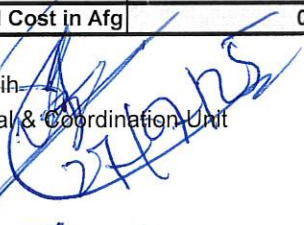
Date Prepared: 27.07.2025

Title	No.	Item	Norm/ Factor	Quantity	Unit	Unit cost	Total cost
						Afs	Afs
A1	1	Excavation		955.00	m3		
	1.01	Unskilled labor on site	0.5	477.50	md		
A2	2	Stone Masonry M(1:4) work		780.00	m3		
	2.01	Stone including transportation	1.1	858.00	m3		
	2.02	Sandy gravel including Transportation	0.378	294.84	m3		
	2.03	Cement including transportation	114	88920.00	kg		
	2.04	Water	57	44460.00	liter		
	2.05	Skilled labor on site	0.5	390.00	md		
	2.06	Unskilled labor on site	1	780.00	md		
A3	5	Gravel including transportation		66.00	m3		
	5.01	Gravel	1.1	72.60	m3		
	5.02	Unskilled labor on site	0.5	33.00	md		
A4	7	Pointing of stone work M(1:3)		663.00	m2		
	7.01	Sand including Transportation	0.024	15.91	m3		
	7.02	Cement M(1:3) including transportation	2	1326.00	kg		
	7.03	Water	1	663.00	liter		
	7.04	Skilled labor on site	0.17	112.71	md		
	7.05	Unskilled labor on site	0.05	33.15	md		
A5	8	Filling with soil/gravel and compaction		350.00	m3		
	8.01	Unskilled labor on site	0.5	175.00	md		
A6	10	PCC M (1:1.5:3)		27.00	m3		
	10.01	Sand Gravel including transportation	1.055	28.49	m3		
	10.02	Cement including transportation	250	6750.00	kg		
	10.03	Water	200	5400.00	liter		
	10.04	Skilled labor on site	0.7	18.90	md		
	10.05	Unskilled labor on site	3.6	3.90	md		
A7	11	PCC M (1:2:4)		44.00	m3		
	11.01	Sand Gravel including transportation	1.157	50.91	m3		
	11.03	Cement including transportation	230	10120.00	kg		
	11.04	Water	115	5060.00	liter		
	11.05	Skilled labor on site	0.65	28.60	md		
	11.06	Unskilled labor on site	3.25	143.00	md		
A8	8	Installation of Waterproof PCC concret		18.50	m		
A9	9	Moblization		1.00	LS		
Total Cost in Afg							0

Prepared by:

Name: Sayed Zaki Sadat
Position: Survey & Design Engineer
Signature: 

Authorized by:

Name: Eng. Ab. Wali Muslih
Position: Manager Technical & Coordination Unit
Signature: 

Review and Checked by :

Name : Sayed Najib Jalal
Position: Survey & design Coordinator
Signature: 

Approved by:

Name: Eng. Shah Wali
Position: Deputy Director/Head of Program
Signature: 