



August 26, 2022

Paul Voelckers, Zane Jones
 MRV Architects
 Juneau, Alaska 99801

**RE: Fee Proposal – Craig Middle and Elementary Schools Renovation
 Engineering Fee Proposal Revised**

Dear Paul and Zane:

As requested, we are submitting a fee proposal for providing engineering for the Craig Schools projects (Elementary and Middle Schools). RESPEC Scope of Work includes completion of the M&E design documents from the previous 65% documents for both projects, bidding services, and Construction Administration services. You have requested that the two projects be broken out for fees, although the intention is to bid them at the same time. In addition it has been requested to provide a separate design task service for additional work at the Middle School involving boiler replacements and gym boiler removal. Elementary School RESPEC fees include mechanical, electrical, and civil engineering proposals. Middle School RESPEC fees include mechanical and electrical engineering proposals.

We will provide the design services on a fixed fee basis amount. We can provide Bidding and Construction Administration services on a time & expense to the budgets presented in the fee schedules. Summary of the fees is below. See Fee Schedules attached for breakdown.

Elementary School Renovation							
Phase	Project Management	Civil	Structural	Mechanical	Electrical	ODCs	Total
1 #440 - Construction Documents (100%)	\$0.00	\$7,965.00	\$0.00	\$23,360.00	\$11,390.00	\$2,374.00	\$45,089.00
2 #490 - Bid Phase Services	\$0.00	\$1,250.00	\$0.00	\$1,500.00	\$1,375.00	\$0.00	\$4,125.00
3 #900 - Construction Administration	\$0.00	\$7,245.00	\$0.00	\$24,335.00	\$12,900.00	\$9,696.00	\$54,176.00
Subtotal	\$0.00	\$16,460.00	\$0.00	\$49,195.00	\$25,665.00	\$12,070.00	\$103,390.00

Middle School Renovation						
Phase	Project Management	Mechanical	Electrical	ODCs	Total	
1 #440 - Construction Documents (100%)	\$0.00	\$38,250.00	\$21,140.00	\$1,262.00	\$60,652.00	
2 #490 - Bid Phase Services	\$0.00	\$2,105.00	\$2,040.00	\$0.00	\$4,145.00	
3 #900 - Construction Administration	\$0.00	\$33,715.00	\$19,020.00	\$8,309.00	\$61,044.00	
4 # - Construction Documents (100%) - MS Boiler Replacement	\$0.00	\$6,890.00	\$3,000.00	\$0.00	\$9,890.00	
Subtotal	\$0.00	\$80,900.00	\$45,200.00	\$9,571.00	\$135,671.00	

9109 MENDENHALL MALL RD.
 SUITE 4
 JUNEAU, AK 99801
 907 780.6060



Design fee for the Elementary school M, E, C: \$45,089.

~~Design Fee for the Middle School M, E: \$60,652.~~

~~Additional Design Fee for MS Boiler Replacement M, E: \$ 9,830.~~

B-CA Fees for Elementary School M, E, C: \$58,301.

~~B-CA Fees for Middle School M, E: \$65,189.~~

Assumptions and Exclusion are:

- Cost estimate review is provided in the fee proposal at 95% Documents.
- Site visit (1) are planned for Mechanical and Electrical during the 95% design period. The one site trip with mechanical and electrical engineers will be used for both schools. Civil engineer will not provide a trip but will rely on M&E site trip and the Owner to gather on-site data for civil work. If the projects design will not be done at the same time, an additional site trip may be required and will be negotiated at that time.
- Sprinkler system performance design and specification will be included for the Elementary school. Sprinkler fire suppression systems are required per State Fire Marshal requirements. Modification of existing Middle School system is included as a performance design also.
- Civil engineering fees will be provided for the Elementary school only with scope of work of a new water service for fire suppression sprinkler system. No previous civil engineering design work has been done for this project so we will proceed right to final design documents. Connections to the existing 8" ductile iron water main will be made for a new 6" fire sprinkler supply line to the building. Construction site visits will include 1 site visit at substantial inspection with punch list. No final insp visit.
- Topographic Survey for Civil Engineering: It is not known if existing topographic mapping or as-builts of the Craig Elementary School exist for designing the new 6" sprinkler service to the elementary school building. If no information exists for facilitating the design effort then we would suggest a fee amendment to include topographic mapping for the fire sprinkler water service line.
- Middle School Boiler replacement design services assume that design work will be done concurrent with the main base bid Middle School project.
- Conformed drawings are included at the end of the Bidding period.
- **Construction services are presented as two separate T&E projects. If the two projects are built at the same time then these fees could be reduced.**
- Electronic as-builts are not included in the Construction Services fee proposal. Review of Contractor redline as-builts is included.

Thank you for the opportunity to providing these services. We look forward to beginning this work. Please call if you have any questions or comments.

Sincerely,

Douglas Murray, PE
Principal, PDC Engineers
Attachments: Fee schedules.



Elementary School Renovation							
Phase	Project Management	Civil	Structural	Mechanical	Electrical	ODCs	Total
1 #440 - Construction Documents (100%)	\$0.00	\$7,965.00	\$0.00	\$23,360.00	\$11,390.00	\$2,374.00	\$45,089.00
2 #490 - Bid Phase Services	\$0.00	\$1,250.00	\$0.00	\$1,500.00	\$1,375.00	\$0.00	\$4,125.00
3 #900 - Construction Administration	\$0.00	\$7,245.00	\$0.00	\$24,335.00	\$12,900.00	\$9,696.00	\$54,176.00
Subtotal	\$0.00	\$16,460.00	\$0.00	\$49,195.00	\$25,665.00	\$12,070.00	\$103,390.00
Est Tax							\$0.00
Total							\$103,390.00



Phase									1	
#440 - Construction Documents (100%)	Principal Civil Eng	Senior Civil Eng	Lead Civil Eng	Civil EIT	Senior BIM Tech	Senior Eng Tech	Lead Eng Tech	Hourly Subtotal	Cost	
Billing Rate	\$250.00	\$185.00	\$175.00	\$105.00	\$135.00	\$125.00	\$110.00			
Task								0	\$0.00	
Project Setup	1							1	\$250.00	
Notes/Symbols/			1			2		3	\$425.00	
Setup Base Sheet				2		6		8	\$960.00	
Site Utility Plan			2	2		4		8	\$1,060.00	
Site Utility Profile			1	1		4		6	\$780.00	
Construct Details			1	1		4		6	\$780.00	
Site Trip (0)			0					0	\$0.00	
Specifications	1		2	4				7	\$1,020.00	
Project Coord			2					2	\$350.00	
Review Cost Est	1							1	\$250.00	
Project Review Meeting				2				2	\$210.00	
QC	2			2		2		6	\$960.00	
Submittals; 95/100	1			4		2		7	\$920.00	
Hourly Subtotal	6	0	9	18	0	24	0	57		
Cost	\$1,500.00	\$0.00	\$1,575.00	\$1,890.00	\$0.00	\$3,000.00	\$0.00		\$7,965.00	

Phase									2	
#490 - Bid Phase Services	Principal Civil Eng	Senior Civil Eng	Lead Civil Eng	Civil EIT	Senior BIM Tech	Senior Eng Tech	Lead Eng Tech	Hourly Subtotal	Cost	
Billing Rate	\$250.00	\$185.00	\$175.00	\$105.00	\$135.00	\$125.00	\$110.00			
Task								0	\$0.00	
Bidding Coordination			4			2		6	\$950.00	
Conformed Documents			1			1		2	\$300.00	
Hourly Subtotal	0	0	5	0	0	3	0	8		
Cost	\$0.00	\$0.00	\$875.00	\$0.00	\$0.00	\$375.00	\$0.00		\$1,250.00	

Phase									3	
#900 - Construction Administration	Principal Civil Eng	Senior Civil Eng	Lead Civil Eng	Civil EIT	Senior BIM Tech	Senior Eng Tech	Lead Eng Tech	Hourly Subtotal	Cost	
Billing Rate	\$250.00	\$185.00	\$175.00	\$105.00	\$135.00	\$125.00	\$110.00			
Task								0	\$0.00	
Pre-Construction Mtg			2					2	\$350.00	
Project Coord RFI's, RFP's			6					6	\$1,050.00	
Submittal Review			4	2				6	\$910.00	
Progress Mtgs (4)			4					4	\$700.00	
Progress Observation (1)			20					20	\$3,500.00	
Sub Compl Insp (0)			0					0	\$0.00	
Close-out Reviews/Coord			3	2				5	\$735.00	
Hourly Subtotal	0	0	39	4	0	0	0	43		
Cost	\$0.00	\$0.00	\$6,825.00	\$420.00	\$0.00	\$0.00	\$0.00		\$7,245.00	

Civil Hours	6	0	53	22	0	27	0	108	
Civil Cost	\$1,500.00	\$0.00	\$9,275.00	\$2,310.00	\$0.00	\$3,375.00	\$0.00		\$16,460.00



Phase 1										
#440 - Construction Documents (100%)	Principal Mech Eng	Senior Mech Eng	Project Mech Eng	Mech. EIT	Lead Eng Tech	Staff Eng Tech	Tech Editor	Admin Staff	Hourly Subtotal	Cost
Billing Rate	\$250.00	\$180.00	\$165.00	\$130.00	\$110.00	\$95.00	\$115.00	\$85.00		
Set Up Project	1		2		1	1			5	\$785.00
Update Calculations			2	4					6	\$850.00
Update Equip Selection			3	8					11	\$1,535.00
Mech - Plumbing			4	18	1	22			45	\$5,200.00
Mech - Ventilation/Exh			10	36	4	36			86	\$10,190.00
Site Trip (Included in Middle School fee)			0	0					0	\$0.00
Specifications			6						6	\$990.00
Project Coordination			4	2		2			8	\$1,110.00
Review Cost Estimate			2						2	\$330.00
Project Review Meeting			2						2	\$330.00
QC	3		2			2			7	\$1,270.00
Submittals; 95%, 100%	1		2			2			5	\$770.00
Hourly Subtotal	5	0	39	68	6	65	0	0	183	
Cost	\$1,250.00	\$0.00	\$6,435.00	\$8,840.00	\$660.00	\$6,175.00	\$0.00	\$0.00		\$23,360.00

Phase 2										
#490 - Bid Phase Services	Principal Mech Eng	Senior Mech Eng	Project Mech Eng	Mech. EIT	Lead Eng Tech	Staff Eng Tech	Tech Editor	Admin Staff	Hourly Subtotal	Cost
Billing Rate	\$250.00	\$180.00	\$165.00	\$130.00	\$110.00	\$95.00	\$115.00	\$85.00		
Bidding Coordination			6				2		8	\$1,220.00
Conformed Documents			1				1		2	\$280.00
									0	\$0.00
Hourly Subtotal	0	0	7	0	0	0	3	0	10	
Cost	\$0.00	\$0.00	\$1,155.00	\$0.00	\$0.00	\$0.00	\$345.00	\$0.00		\$1,500.00

Phase 3										
#900 - Construction Administration	Principal Mech Eng	Senior Mech Eng	Project Mech Eng	Mech. EIT	Lead Eng Tech	Staff Eng Tech	Tech Editor	Admin Staff	Hourly Subtotal	Cost
Billing Rate	\$250.00	\$180.00	\$165.00	\$130.00	\$110.00	\$95.00	\$115.00	\$85.00		
Pre-Construction Mtg			2						2	\$330.00
Project Coord RFI's, RFP's			50			5			55	\$8,725.00
Submittal Review			4	14					18	\$2,480.00
Progress Meetings (4)			6						6	\$990.00
Progress Observation (2)			28						28	\$4,620.00
Sub Compl Insp (1)			20						20	\$3,300.00
Final Compl Insp (1)			16						16	\$2,640.00
Close-out Reviews/Coord			6	2					8	\$1,250.00
Hourly Subtotal	0	0	132	16	0	5	0	0	153	
Cost	\$0.00	\$0.00	\$21,780.00	\$2,080.00	\$0.00	\$475.00	\$0.00	\$0.00		\$24,335.00

Mechanical Hours	5	0	178	84	6	70	3	0	343	
Mechanical Cost	\$1,250.00	\$0.00	\$29,370.00	\$10,920.00	\$660.00	\$6,650.00	\$345.00	\$0.00		\$49,195.00



Phase 1

#440 - Construction Documents (100%)	Principal Elec. Eng	Senior Elec. Eng	Lead Elec. Eng	Project Elec. Eng	Staff Elec. Eng	Elec. EIT	Lead Eng Tech	Staff Eng Tech	Hourly Subtotal	Cost
Billing Rate	\$250.00	\$200.00	\$185.00	\$165.00	\$135.00	\$105.00	\$110.00	\$95.00		
Project Setup & Team Kickoff				1					1	\$165.00
65% drawing review & Update				6			8		14	\$1,870.00
Site Visit				16					16	\$2,640.00
HVAC Coordination & Schedule				2					2	\$330.00
Power & Lighting Circuiting				6			8		14	\$1,870.00
Panel Schedule				2			2		4	\$550.00
Single Line Diagram				2			2		4	\$550.00
Schematic Diagrams				2			2		4	\$550.00
Details				2			2		4	\$550.00
Specifications				4					4	\$660.00
Construction Cost Estimate Review				1					1	\$165.00
Team Coordination				3					3	\$495.00
95% Submittal							1		1	\$110.00
QC Review	2								2	\$500.00
Drawing & Specification Updates				1			1		2	\$275.00
Final Submittal							1		1	\$110.00
Hourly Subtotal	2	0	0	48	0	0	27	0	77	
Cost	\$500.00	\$0.00	\$0.00	\$7,920.00	\$0.00	\$0.00	\$2,970.00	\$0.00		\$11,390.00

Phase 2

#490 - Bid Phase Services	Principal Elec. Eng	Senior Elec. Eng	Lead Elec. Eng	Project Elec. Eng	Staff Elec. Eng	Elec. EIT	Lead Eng Tech	Staff Eng Tech	Hourly Subtotal	Cost
Billing Rate	\$250.00	\$200.00	\$185.00	\$165.00	\$135.00	\$105.00	\$110.00	\$95.00		
Pre-Bid Meeting				1					1	\$165.00
Contractor Questions				3					3	\$495.00
Addendums				1					1	\$165.00
Bid Review				1					1	\$165.00
Conformed Drawings				1			2		3	\$385.00
									0	\$0.00
									0	\$0.00
Hourly Subtotal	0	0	0	7	0	0	2	0	9	
Cost	\$0.00	\$0.00	\$0.00	\$1,155.00	\$0.00	\$0.00	\$220.00	\$0.00		\$1,375.00



RESPEC

Phase										
	3									
#900 - Construction Administration	Principal Elec. Eng	Senior Elec. Eng	Lead Elec. Eng	Project Elec. Eng	Staff Elec. Eng	Elec. EIT	Lead Eng Tech	Staff Eng Tech	Hourly Subtotal	Cost
Billing Rate	\$250.00	\$200.00	\$185.00	\$165.00	\$135.00	\$105.00	\$110.00	\$95.00		
Pre-Construction Meeting				2					2	\$330.00
Contractor Questions & RFI's	1			8			2		11	\$1,790.00
Submittal Review				6			4		10	\$1,430.00
Progress Meetings (3)				4					4	\$660.00
Progress Inspection (1)				16					16	\$2,640.00
Substantial Inspection				16					16	\$2,640.00
Final Inspection				16					16	\$2,640.00
As-builts				2			4		6	\$770.00
									0	\$0.00
Hourly Subtotal	1	0	0	70	0	0	10	0	81	
Cost	\$250.00	\$0.00	\$0.00	\$11,550.00	\$0.00	\$0.00	\$1,100.00	\$0.00		\$12,900.00



Phase 1

#440 - Construction Documents (100%)

Billing Rate	Unit	Unit Cost	Civil	Structural	Mechanical	Electrical	Geotechnical	Survey	Qty	Cost
Copies/Prints/Scans (Letter)	ea	\$0.10							0	\$0.00
Copies/Prints/Scans (11x17)	ea	\$0.20							0	\$0.00
Copies/Prints/Scans (Full Size)	ea	\$1.00							0	\$0.00
Teleconference Costing	hr/line	\$3.00							0	\$0.00
Airfare	ea	\$800.00			1	1			2	\$1,600.00
Rentals	day	\$200.00			1				1	\$200.00
Survey GPS Rental	day	\$309.00							0	\$0.00
Shipping	ea	\$25.00							0	\$0.00
Parking	day	\$16.00			2	2			4	\$64.00
Hotel	day	\$180.00			1	1			2	\$360.00
Mileage	mile	\$0.585							0	\$0.00
Per Diem	man day	\$75.00			1	1			2	\$150.00
Cost			\$0.00	\$0.00	\$1,287.00	\$1,087.00	\$0.00	\$0.00		\$2,374.00

Phase 2

#490 - Bid Phase Services

Billing Rate	Unit	Unit Cost	Civil	Structural	Mechanical	Electrical	Geotechnical	Survey	Qty	Cost
Copies/Prints/Scans (Letter)	ea	\$0.10							0	\$0.00
Copies/Prints/Scans (11x17)	ea	\$0.20							0	\$0.00
Copies/Prints/Scans (Full Size)	ea	\$1.00							0	\$0.00
Teleconference Costing	hr/line	\$3.00							0	\$0.00
Airfare	ea	\$800.00							0	\$0.00
Rentals	day	\$200.00							0	\$0.00
Survey GPS Rental	day	\$309.00							0	\$0.00
Shipping	ea	\$25.00							0	\$0.00
Parking	day	\$16.00							0	\$0.00
Hotel	day	\$180.00							0	\$0.00
Mileage	mile	\$0.585							0	\$0.00
Per Diem	man day	\$75.00							0	\$0.00
Cost			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

Phase 3

#900 - Construction Administration

Billing Rate	Unit	Unit Cost	Civil	Structural	Mechanical	Electrical	Geotechnical	Survey	Qty	Cost
Copies/Prints/Scans (Letter)	ea	\$0.10							0	\$0.00
Copies/Prints/Scans (11x17)	ea	\$0.20							0	\$0.00
Copies/Prints/Scans (Full Size)	ea	\$1.00							0	\$0.00
Teleconference Costing	hr/line	\$3.00							0	\$0.00
Airfare	ea	\$800.00	1		4	3			8	\$6,400.00
Rentals	day	\$200.00	1		4				5	\$1,000.00
Survey GPS Rental	day	\$309.00							0	\$0.00
Shipping	ea	\$25.00							0	\$0.00
Parking	day	\$16.00	2		8	6			16	\$256.00
Hotel	day	\$180.00	1		4	3			8	\$1,440.00
Mileage	mile	\$0.585							0	\$0.00
Per Diem	man day	\$75.00	1		4	3			8	\$600.00
Cost			\$1,287.00	\$0.00	\$5,148.00	\$3,261.00	\$0.00	\$0.00		\$9,696.00



4103 Minnesota Drive
Anchorage, AK 99503

P: 907.561.1653
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mail@hmsalaska.com

DATE
8/25/2022
FEE PROPOSAL NO.
P22-08-18 (Rev. 1)
HMS PROJECT NO.
N/A

<i>Fee Proposal Prepared For:</i>
MRV Architects 1420 Glacier Avenue, Suite 101 Juneau, Alaska 99801 Attn: Zane Jones

Project: Craig Middle and Elementary School Renovations

Location: Craig, Alaska

1. Project Description and Service

Prepare construction cost estimates for upgrading the 65% design estimates with minor changes moving into the final design, including the following scope of work.

- Renovations to existing 15,000 SF single story elementary school, including all disciplines of construction.
- Renovations to existing middle school's 24,720 SF first floor and 1,400 SF mezzanine, including all disciplines of construction and one additive alternate for new boiler upgrade.

The estimates will be prepared in Unifomat Elemental Categories and priced for summer 2023 construction.

2. Fee Breakdown and Schedule (Lump Sum)

Elementary School 100% Design Estimate	\$ 3,880.00	Within (10) Full Working Days
Middle School 100% Design Estimate	4,968.00	Within (10) Full Working Days
TOTAL FEE:	<u>\$ 8,848.00</u>	

The above fee does not include preparation of additive bid items or alternates. See 3. Terms below.

Allow the above full working days to provide the proposed services. Time for task completion will begin following receipt of all available design information for that particular phase. Please note the above durations exclude weekends, holidays and partial days. Please give two weeks advance notice for commencing each phase of work.

3. Terms

Deliverable:

HMS Inc. will provide a copy of our estimate via email in a PDF file format or in Excel, if necessary. Should a hard copy of the estimate be necessary, at your request, a bound or loose copy will be provided to you.

Drawings:

Architect/Engineer shall provide HMS Inc. with full size, correct scale drawings, along with an electronic set (PDF format preferred). Should these not be provided, it may be necessary to increase our fee proposal and add additional days to complete our work.

Should it be necessary, HMS Inc. has the capability to print one or two drawings, however, depending on the quantity, an additional charge may be added at \$4.00/sheet.



4103 Minnesota Drive
Anchorage, AK 99503

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mail@hmsalaska.com

DATE
8/25/2022
FEE PROPOSAL NO.
P22-08-18 (Rev. 1)
HMS PROJECT NO.
N/A

3. Terms (Continued)

Additive Bid Items or Alternates:

Our fee proposal does not include preparing estimates for additive bid items or alternates (except those included in Section 2 Fee Breakdown) that require re-measurement of work items included in the Base Bid cost estimate. We reserve the right to renegotiate our fee should alternates become necessary beyond one or two minor alternates or additive bid items.

Reimbursable Expenses:

This fee proposal does not provide for long distance phone calls, site visits, meetings with the owner, or any other unforeseen expenses unless listed in Section 2. Fee Breakdown. Any such items, if required, will be charged on a time-and-expense basis at our current rate schedule.

Penalty/Bonus Condition:

This proposal is made on the understanding that we will not be entering into an agreement with the client that includes a penalty/bonus condition dependent on the outcome of the bid. Should such a clause be required, we reserve the right to modify our proposal or possibly withdraw from the project.

Additional Insured:

Any requirements to name additional insureds on our insurance policies may be subject to additional fees should fees be added to our policy by our carrier.

Payment Terms:

Payment shall be made within (45) days of invoice date. Delayed payment beyond that period is subject to a 1.5% fee per month.

Expiration Date:

This fee proposal is valid for (6) months from the date of issue. HMS Inc. reserves the right to adjust the fee to incorporate the current years rates after the (6) month period.

Change in Scope:

Should the project scope or format change, HMS Inc. reserves the right to modify this proposal. Written approval for work on increased scope items prior to proceeding with additional work will be required.

Notice to Proceed:

Designer/owner will provide written notice to proceed. Delivery of documents is not considered a notice to proceed.

Prepared By:

A handwritten signature in black ink, appearing to read 'Dilip Patel', is written over a horizontal line.

Dilip Patel, Principal
DP/kh



4103 Minnesota Drive
Anchorage, AK 99503

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mail@hmsalaska.com

DATE
8/25/2022
FEE PROPOSAL NO.
P22-08-18 (Rev. 1)
OLD PROJECT NO.
N/A

FEE BREAKDOWN (2022 SCHEDULE OF RATES)

Project: Craig Middle and Elementary School Renovations

A/E Firm: MRV Architects

Location: Craig, Alaska

Prepared By: Dilip Patel, Principal

<i>Discipline</i>	<i>Rate</i>	<i>Hours</i>	<i>Subtotal</i>	<i>Total Hours</i>	<i>Total Fee</i>
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Elementary School 100% Design Estimate:

Estimator V	183.00	x	1	=	183.00
Estimator IV	159.00	x	10	=	1,590.00
Estimator III	149.00	x	10	=	1,490.00
Estimator II	127.00	x	3	=	381.00
Estimator I	86.00	x	0	=	0.00
Office Support II	86.00	x	2	=	172.00
Office Support I	64.00	x	1	=	64.00

Total Elementary School 100% Design Estimate: 27 Hours \$ 3,880.00

Middle School 100% Design Estimate:

Estimator V	183.00	x	1	=	183.00
Estimator IV	159.00	x	10	=	1,590.00
Estimator III	149.00	x	17	=	2,533.00
Estimator II	127.00	x	2	=	254.00
Estimator I	86.00	x	0	=	0.00
Office Support II	86.00	x	4	=	344.00
Office Support I	64.00	x	1	=	64.00

Total Middle School 100% Design Estimate: 35 Hours ~~\$ 4,968.00~~

TOTAL:	62 Hours	\$ 8,848.00
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